#### II. Influent and Effluent Data Summary

The results of all analyses performed on the WWTP influent and effluent are summarized in tables with monthly and annual averages (and in some cases annual totals) calculated. Graphs of monthly averages are presented.

- A. Influent And Effluent Data Summaries
- Influent And Effluent Graphs B.
- C. Daily Values Of Selected Parameters
- **Toxicity Bioassays** D.
- E. 6-Year Tables.

## Mass Emissions of Effluent Using 2002 Monthly Averages

DISCHARGE SPECIFICATIONS from NPDES Permit No. CA0107409/RWQCB Order No. R-2002-0025 effective on September 13, 2002 with limits on pollutant discharges.

effective on September 13, 2002 with limits on pollutant discharges.								
Constituent/Property	Benchmarks	2002	2002	Units				
	(mt/yr)	Mass	Concentration					
		Emissions						
FL (140D)		(mt/yr) <sup>[1]</sup>	4,					
Flow (MGD)	[2]		168.8	MGD				
Total Suspended Solids	13,995 <sup>[2]</sup>	10,114	43.5	mg/L				
BOD	В	21,763	93.6	mg/L				
Arsenic	0.88	0.30	1.29	ug/L				
Cadmium	1.4	0.09	0.4	ug/L				
Chromium	14.2	0	0	ug/L				
Copper	26	18	77.5	ug/L				
Lead	14.2	0	0	ug/L				
Mercury	0.19	0	0	ug/L				
Nickel	11.3	0	0	ug/L				
Selenium	0.44	0.27	1.16	ug/L				
Silver	2.8	0.19	0.8	ug/L				
Zinc	18.3	6.5	28	ug/L				
Cyanide	1.57	0.81	0.0035	mg/L				
Residual Chlorine								
Ammonia	8018	6,487	27.9	mg/L				
Non-Chlor. Phenols	2.57	2.65	11.4	ug/L				
Chlorinated Phenols	1.73	0.00	0	ug/L				
Endosulfan	0.006	0.00	0	ng/L				
Endrin	0.008	0.00	0	ng/L				
hexachlorocyclohexanes *(HCH)	0.025	0	7	ng/L				
* (all as Lindane, the gamma isomer)								
Acrolein	17.6	0.00	0	ug/L				
Antimony	56.6	4.0	17	ug/L				
Bis(2-chloroethoxy) methane	1.5	0.00	0	ug/L				
Bis(2-chloroisopropyl) ether	1.61	0.00	0	ug/L				
Chlorobenzene	1.7	0.00	0	ug/L				
Chromium (III)								
di-n-butyl phthalate	1.33	0.00	0	ug/L				
dichlorobenzenes	2.8	0.00	0	ug/L				
1,1-dichloroethylene	0.79	0.00	0	ug/L				
Diethyl phthalate	6.23	0.53	2.3	ug/L				
Dimethyl phthalate	1.59	0.00	0	ug/L				
4,6-dinitro-2-methylphenol	6.8	0.00	0	ug/L				
2,4-dinitrophenol	11.9	0.00	0	ug/L				
Ethylbenzene	2.04	0.00	0	ug/L				
Fluoranthene	0.62	0.00	0	ug/L				
Hexachlorocyclopentadiene	В	0.00	0	ug/L				
Nitrobenzene	2.07	0.00	0	ug/L				
Thallium	36.8	0.00	0	ug/L				
Toluene	3.31	0.70	3	ug/L				
1,1,2,2-tetrachloroethane	1.95	0.00	0	ug/L				
Tributyltin	0.001	0.00	0	ug/L				
1,1,1-trichloroethane	2.51	0.00	0	ug/L				
1,1,2-trichloroethane	1.42	0.00	0	ug/L				
Acrylonitrile	5.95	0.00	0	ug/L				

DISCHARGE SPECIFICATIONS from NPDES Permit No. CA0107409/RWQCB Order No. R-2002-0025 effective on September 13, 2002 with limits on pollutant discharges.

Constituent/Property	Benchmarks	2002	2002	Units
	(mt/yr)	Mass	Concentration	
		Emissions		
		<u>(mt/yr)<sup>[1]</sup></u>		
Aldrin	0.006	0.00	0	ng/L
Benzene	1.25	0.00	0	ug/L
Benzidine	12.5	0.00	0	ug/L
Beryllium	1.42	0.00	0	ug/L
Bis(2-chloroethyl)ether	1.61	0.00	0	ug/L
Bis(2-ethylhexyl)phthalate	2.89	0.98	4.2	ug/L
Carbon Tetrachloride	0.79	0.00	0	ug/L
Chlordane	0.014	0.00	0	ng/L
Chloroform	2.19	1.26	5.4	ug/L
DDT	0.043	0.00	0	ng/L
1,4-dichlorobenzene	1.25	0.05	0.2	ug/L
3,3-dichlorobenzidine	4.67	0.00	0	ug/L
1,2-dichloroethane	0.79	0.00	0	ug/L
Dichloromethane (methylene	13.7	0.67	2.9	ug/L
chloride)				Ü
1,3-dichloropropene	1.42	0.00	0	ug/L
Dieldrin	0.011	0.00	0	ng/L
2,4-dinitrotoluene	1.61	0.00	0	ug/L
1,2-diphenylhydrazine	1.52	0.00	0	ug/L
Halomethanes	5.86	0.33	1.4	ug/L
Heptachlor	0.001	0.00	0	ng/L
Heptachlor epoxide	0.024	0.00	0	ng/L
Hexachlorobenzene	0.54	0.00	0	ug/L
Hexachlorobutadiene	0.054	0.00	0	ug/L
Hexachloroethane	1.13	0.00	0	ug/L
Isophorone	0.71	0.00	0	ug/L
N-nitrosodimethylamine	0.76	0.00	0	ug/L
N-nitrosodiphenylamine	1.47	0.00	0	ug/L
PAHs	15.45	0.00	0	ug/L
PCBs	0.275	0.00	0	ng/L
TCDD equivalents		0.00	0	pg/L
Tetrachloroethylene	4	0.07	0.3	ug/L
Toxaphene	0.068	0.00	0	ng/L
Trichloroethylene	1.56	0.00	0	ug/L
2,4,6-trichlorophenol	0.96	0.00	0	ug/L
Vinyl Chloride	0.4	0.00	0	ug/L

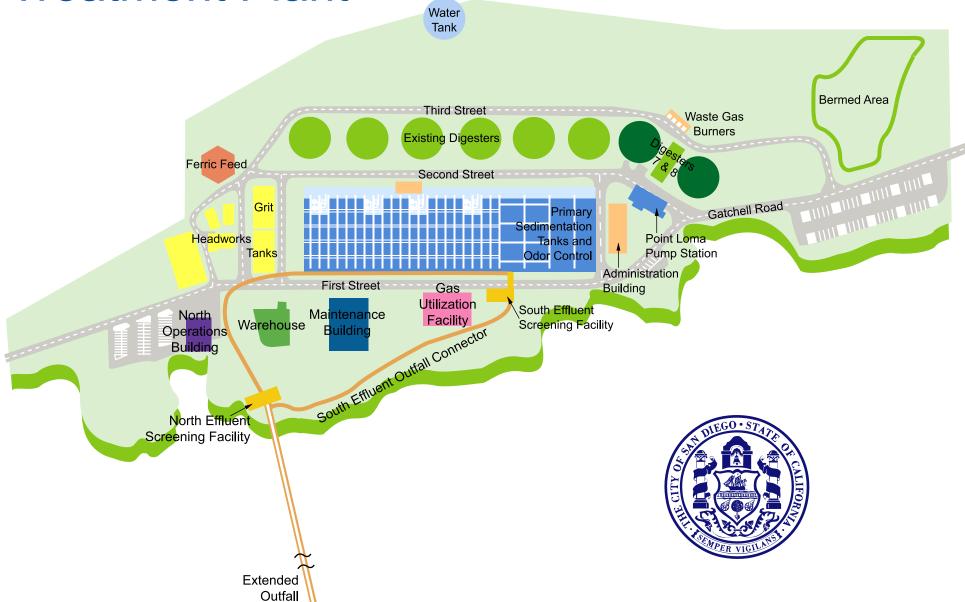
<sup>[1]</sup> Metric tons of mass emissions is calculated assuming the density of effluent is 1. The mean constituent value and mean daily flow value over the year is used to compute the mass emissions, assuming that constant concentration over 365 days.

<sup>[2]</sup> Total Suspended Solids (TSS)- The discharger shall achieve a mass emission of TSS of no greater than 13,995 mt/yr; this requirement shall be effective through December 31, 2005. Effective January 1, 2006, the discharger shall achieve a mass emission of TSS of no greater than 13,599 mt/yr.

## A. Influent and Effluent Data Summaries.

The results of all analyses performed on the WWTP influent and effluent are summarized in tables with monthly and annual averages (and in some cases annual totals) calculated.

Point Loma Wastewater Treatment Plant



#### POINT LOMA WASTEWATER TREATMENT PLANT

#### SEWAGE ANNUAL

From 01-JAN-2002 To 31-DEC-2002

### Biochemical Oxygen Demand Concentration (24-hour composite)

	Flow	Daily Influent Value (mg/L)	Daily Influent Value (lbs/Day)	Daily Effluent Value (mg/L)	Daily Effluent Value (lbs/Day)	Percent Removal BOD (%)
=========	========		========			
JANUARY -2002	171.0	257	366518	95	135483	63.0
FEBRUARY -2002	170.4	257	365232	107	152062	58.4
MARCH -2002	171.8	261	373964	94	134684	64.0
APRIL -2002	171.4	266	380241	99	141518	62.8
MAY -2002	165.1	263	362134	89	122547	66.2
JUNE -2002	168.5	268	376618	84	118044	68.7
JULY -2002	168.2	280	392781	90	126251	67.9
AUGUST -2002	165.8	264	365052	89	123067	66.3
SEPTEMBER-2002	167.4	260	362990	84	117274	67.7
OCTOBER -2002	166.6	270	375150	95	131997	64.8
NOVEMBER -2002	168.8	276	388551	105	147818	62.0
DECEMBER -2002	171.3	266	380019	94	134292	64.7
	========	========	========	========	========	========
Average	168.9	266	374104	94	132086	64.7

### Total Suspended Solids Concentration (24-hour composite)

		Daily Influent	Daily Influent	Percent	Daily Influent	Daily Effluent	Daily Effluent	Percent
		Value	Volatile	VSS of TSS	Value	Value	Volatile	VSS of TSS
	Flow	(mg/L)	(mg/L)	(%)	(lbs/Day)	(mg/L)	(mg/L)	(%)
=========	========		========			========		========
JANUARY -2002	171.0	281	231	82.2	400745	41	31	75.6
FEBRUARY -2002	170.4	260	216	83.1	369495	47	35	74.5
MARCH -2002	171.8	270	220	81.5	386859	41	30	73.2
APRIL -2002	171.4	283	235	83.0	404542	42	31	73.8
MAY -2002	165.1	290	238	82.1	399311	43	31	72.1
JUNE -2002	168.5	301	246	81.7	422992	47	35	74.5
JULY -2002	168.2	318	260	81.8	446087	52	38	73.1
AUGUST -2002	165.8	293	238	81.2	405152	46	34	73.9
SEPTEMBER-2002	167.4	290	236	81.4	404874	39	28	71.8
OCTOBER -2002	166.6	287	233	81.2	398770	39	27	69.2
NOVEMBER -2002	168.8	291	234	80.4	409667	42	30	71.4
DECEMBER -2002	171.3	283	231	81.6	404306	45	32	71.1
=========	========					========		========
Average	168.9	287	235		404400	44	32	

Annual Mass Emissions are calculated from monthly averages of flow and BOD (or TSS), whereas monthly report average mass emissions are calculated from average daily mass emissions.

# POINT LOMA WASTEWATER TREATMENT PLANT Daily Averages Annual Systemwide BOD Removals

From 01-JAN-2002 To 31-DEC-2002

Mass Emissions are in pounds/day.

	Pt. Loma Influent Mass	PS64 Influent Mass	Penasquitos Influent Mass	Return Stream Mass	Pt. Loma Effluent Mass	Monthly Systemwide Percent	Pt. Loma Daily Percent
	Emission	Emission	Emission	Emission	Emission	Removal	Removal
=========	=======================================		========	========	========	========	========
JANUARY	366518	27217	12611	21962	135483	64.8	63.0
FEBRUARY	365232	28683	12745	16570	152062	61.0	58.4
MARCH	373964	29710	8933	9178	134684	66.5	64.0
APRIL	380241	32856	7876	11757	141518	65.5	62.8
MAY	362134	27554	14266	9681	122547	68.6	66.2
JUNE	376618	27435	13968	16224	118044	70.3	68.7
JULY	392781	28223	13903	35786	126251	68.2	67.9
AUGUST	365052	33580	6443	11291	123067	68.7	66.3
SEPTEMBER	362990	34276	11730	8413	117274	70.6	67.7
OCTOBER	375150	34190	14817	7362	131997	68.3	64.8
NOVEMBER	388551	28594	15183	9127	147818	65.1	62.0
DECEMBER	380019	35803	17326	9979	134292	68.3	64.7
areses Average	374104	30677	12483	13944	132086	67.2	64.7

Annual Systemwide TSS Removals
Daily Averages
From 01-JAN-2002 To 31-DEC-2002

Mass Emissions are in pounds/day.

	Pt. Loma	PS64	Penasquitos	Return	Pt. Loma	Monthly	Pt. Loma
	Influent	Influent	Influent	Stream	Effluent	Systemwide	Daily
	Mass	Mass	Mass	Mass	Mass	Percent	Percent
	Emission	Emission	Emission	Emission	Emission	Removal	Removal
=========	========	========	========	========	========	========	========
JANUARY	400745	25166	15407	30675	58472	85.8	85.4
FEBRUARY	369495	28817	16842	15321	66793	83.3	81.9
MARCH	386859	28664	12035	15929	58745	85.5	84.8
APRIL	404542	32227	9290	16730	60038	86.0	85.2
MAY	399311	27939	17881	16427	59208	86.4	85.2
JUNE	422992	27176	18909	31052	66049	84.8	84.4
JULY	446087	27196	18426	68560	72945	82.6	83.6
AUGUST	405152	34517	9345	23292	63608	84.9	84.3
SEPTEMBER	404874	43204	15515	17499	54449	87.7	86.6
OCTOBER	398770	32249	18221	14608	54188	87.4	86.4
NOVEMBER	409667	26322	18165	22493	59127	86.0	85.6
DECEMBER	404306	38307	18349	20292	64289	85.5	84.1
=========	========	========	========	========	========	========	========
Average	404400	30982	15699	24407	61493	85.5	84.8

During the month of January 2002, the Return Stream was sampled from a single sample point. The mass emission from the Return Stream was calculated using the flow from that sample point and the BOD/TSS data obtained from that sample point. From February to December 2002, the Return Stream sample point was discontinued. The mass emission from the Return Stream was then calculated using the data from the four NCWRP sources (plant drain, filter backwash, excess primary effluent, and disinfected final effluent that is not reclaimed) and one MBC source (centrate from the dewatering process)that are diverted to the Return Stream.

### POINT LOMA WASTEWATER TREATMENT PLANT

### From 01-JAN-2002 To 31-DEC-2002

### Influent to Plant (PLR)

		рН	Settleable Solids (ml/L)	Biochemical Oxygen Demand (mg/L)	Oil & Grease (mg/L)	Temperature ( C )
=======	=====	========	========	========	=========	========
JANUARY FEBRUARY MARCH APRIL MAY JUNE JULY AUGUST SEPTEMBER OCTOBER NOVEMBER	-2002 -2002 -2002 -2002 -2002 -2002 -2002 -2002 -2002 -2002 -2002	7.39 7.34 7.33 7.33 7.32 7.37 7.42 7.40 7.37 7.29	8.38 8.59 9.15 10.00 9.44 9.81 12.60 11.20 10.60 9.94 9.99	257 257 261 266 263 268 280 264 260 270 276	27.7 27.2 28.2 32.6 32.8 35.8 37.0 37.6 32.3 29.3	21.2 20.8 21.7 22.7 23.5 24.9 26.3 26.6 26.7 25.7 24.5
DECEMBER	-2002	7.23	8.84	266	33.3	22.4
 Average	=====	7.34	9.9	266	32.3	23.9

### Effluent to Ocean Outfall (PLE)

			Biochemical	Oil			
		Settleable	Oxygen	&		Floating	
	Нq	Solids	Demand	Grease	Temperature	Particulates	Turbidity
		(ml/L)	(mg/L)	(mg/L)	( C )	(mg/L)	(NTU)
=========	========	========	========	========	========	=======================================	=======
JANUARY -2002	7.29	0.1	95	9.8	21.5	<0.10	42
FEBRUARY -2002	7.25	0.1	107	11.9	21.1	0.13	48
MARCH -2002	7.31	0.1	94	10.2	21.9	<0.10	45
APRIL -2002	7.30	0.1	99	11.0	22.7	<0.10	43
MAY -2002	7.28	0.2	89	8.9	23.8	<0.10	43
JUNE -2002	7.26	0.2	84	9.5	25.1	0.11	45
JULY -2002	7.27	0.3	90	9.2	26.4	0.13	48
AUGUST -2002	7.31	0.3	89	8.6	26.8	0.10	46
SEPTEMBER-2002	7.29	0.3	84	7.6	26.9	0.15	44
OCTOBER -2002	7.26	0.2	95	7.9	25.9	0.15	46
NOVEMBER -2002	7.18	0.1	105	8.7	24.6	0.14	44
DECEMBER -2002	7.08	0.2	94	9.5	22.5	0.10	43
=========	========	========	========	========	========	=======================================	
Average	7.26	0.2	94	9.4	24.1	0.08	45

### POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Trace Metals

(Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2002 to: 31-DEC-2002

Sampled by: NDL, A4A

Analyzed by: BOA, G8C, JRF, IEN, LXP, JRV, GS

Analyte: MDL Units: Source:	Antimony 23 PLR	Antimony 23 PLE	Arsenic .4 PLR	Arsenic* .4 PLE	BerylliumBe .39 PLR	ryllium .39 PLE	Cadmium 1 PLR	Cadmium 1 PLE
=========	========		========		=========		========	
JANUARY -2002	31	<23	1.14	0.86	ND	ND	1.3	ND
FEBRUARY -2002	<23	<23	1.39	0.90	ND	ND	<1.0	<1.0
MARCH -2002	<23	<23	0.90	0.76	ND	ND	<1.0	ND
APRIL -2002	<23	<23	1.33	1.09	ND	ND	1.9	<1.0
MAY -2002	<23	42	1.79	1.35	ND	ND	ND	ND
JUNE -2002	45	50	1.89	1.42	ND	ND	<1.0	<1.0
JULY -2002	ND	<23	2.44	1.86	ND	ND	1.8	1.0
AUGUST -2002	<23	<23	2.23	1.61	ND	ND	<1.0	2.7
SEPTEMBER-2002	61	76	1.75	1.51	ND	ND	ND	ND
OCTOBER -2002	<23	32	1.78	1.60	ND	<0.39	<1.0	ND
NOVEMBER -2002	<23	<23	1.62	1.29	ND	ND	<1.0	1.1
DECEMBER -2002	<23	<23	1.77	1.26	ND	ND	1.2	<1.0
=========	=======		========		========		========	
AVERAGE	11	17	1.67	1.29	ND	0.00	0.5	0.4
Analyte:	Chromium	Chromium	Copper	Copper	Iron	Iron	Lead	Lead
MDL Units:	5	5	4	4	30	30	18	18
Source:	PLR	PLE	PLR	PLE	PLR	PLE	PLR	PLE
=========	========		========		=========		========	
JANUARY -2002	6.6	<5.0	193	61	6040	3690	ND	ND
FEBRUARY -2002	<5.0	ND	157	92	5470	4760	ND	ND
MARCH -2002	<5.0	ND	195	103	5800	4350	<18.0	ND
APRIL -2002	6.2	ND	148	60	5970	4350	ND	<18.0
MAY -2002	<5.0	ND	141	78	7670	4440	ND	ND
JUNE -2002	9.3	ND	142	86	7460	4320	ND	<18.0
JULY -2002	<5.0	<5.0	192	73	7030	5050	<18.0	<18.0
AUGUST -2002	5.5	ND	165	68	7540	4360	<18.0	ND
SEPTEMBER-2002	ND	ND	121	103	7830	5300	<18.0	ND
OCTOBER -2002	ND	ND	164	67	7480	5390	ND	<18.0
NOVEMBER -2002	5.2	ND	185	83	7910	5570	ND	ND
DECEMBER -2002	6.3	ND	141	53	8130	5540	ND	ND
	========	=======	========	======	========		========	======
AVERAGE	3.3	0.0	162	77	7028	4760	0.0	0.0

ND= not detected NA= not analyzed NS= not sampled

<sup>\*</sup> Arsenic and selenium data reported in the Monthly Monitoring reports for June, July, and August included values as determined by a contract laboratory. Later research and analyses determined that the values were inaccurate. This report includes data from validated followup analyses by our in-house laboratory and excludes the previously reported data. See detailed discussion in the Section I. B. Notes on Specific Analyses.

### POINT LOMA WASTEWATER TREATMENT PLANT

### ANNUAL SEWAGE

### Trace Metals

(Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2002 to: 31-DEC-2002

Sampled by: NDL, A4A

Analyzed by: BOA, G8C, JRF, IEN, LXP, JRV, GS

Analyte: MDL Units: Source:	Mercury .5 PLR	Mercury .5 PLE	Nickel 14 PLR	Nickel 14 PLE	Selenium .4 PLR	Selenium* .4 PLE	Silver 6.6 PLR	Silver 6.6 PLE
=========	=======	======	=======	======	=======	======	========	======
JANUARY -2002	<0.27	ND	<14	ND	1.65	1.25	ND	ND
FEBRUARY -2002	ND	ND	ND	ND	1.69	1.31	<6.6	ND
MARCH -2002	ND	ND	<14	ND	1.63	1.22	ND	ND
APRIL -2002	<0.27	ND	ND	<14	1.69	1.30	<6.6	ND
MAY -2002	<0.27	ND	ND	<14	1.47	1.22	ND	ND
JUNE -2002	<0.27	<0.27	ND	ND	1.43	1.00	<6.6	9.5
JULY -2002	ND	ND	<14	<14	1.92	1.26	<6.6	ND
AUGUST -2002	ND	ND	<14	ND	1.58	1.13	<6.6	ND
SEPTEMBER-2002	ND	ND	ND	ND	1.54	1.02	ND	ND
OCTOBER -2002	ND	ND	ND	ND	1.63	1.02	7.7	<6.6
NOVEMBER -2002	0.28	<0.09	ND	<14	1.60	0.98	<6.6	ND
DECEMBER -2002	0.13	ND	<14	ND	1.57	1.23	ND	ND
=========	========	======	========	======	========	======	========	======
AVERAGE	0.03	0.00	0	0	1.62	1.16	0.6	0.8

Analyte: MDL Units Source:	s:	Thallium 40 PLR	Thallium 40 PLE	Zinc 4 PLR	Zinc 4 PLE
JANUARY	-2002	< 40.0	<40.0	147	30
FEBRUARY	-2002			135	35
		ND	ND		
MARCH	-2002	ND	ND	138	27
APRIL	-2002	ND	ND	142	28
MAY	-2002	<40.0	ND	138	25
JUNE	-2002	ND	ND	135	25
JULY	-2002	ND	<40.0	163	25
AUGUST	-2002	ND	ND	134	23
SEPTEMBER	2002	ND	ND	133	38
OCTOBER	-2002	ND	<40.0	135	34
NOVEMBER	-2002	ND	ND	143	24
DECEMBER	-2002	ND	ND	118	21
=======	=====	========		=======	
AVERAGE		0.0	0.0	138	28

ND= not detected NA= not analyzed NS= not sampled

<sup>\*</sup> Arsenic and selenium data reported in the Monthly Monitoring reports for June, July, and August included values as determined by a contract laboratory. Later research and analyses determined that the values were inaccurate. This report includes data from validated followup analyses by our in-house laboratory and excludes the previously reported data. See detailed discussion in the Section I. B. Notes on Specific Analyses.

### POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE

# Ammonia-Nitrogen and Total Cyanides (Limits shown are the 6-Month Median Maximum)

From: 01-JAN-2002 to: 31-DEC-2002

Sampled by: NDL,A4A Analyzed by: JJI, HHD, JRV

Limit:	Ammonia-N .2 MG/L PLR	Ammonia-N .2 MG/L PLE 492	Cyanides,Tot .002 MG/L PLR	Cyanides,Total .002 MG/L PLE 0.82
=========	========	========	========	========
JANUARY -2002	30.2	29.4	0.0043	0.0050
FEBRUARY -2002	28.3	27.1	0.0063	0.0068
MARCH -2002	29.4	29.0	0.0035	0.0043
APRIL -2002	29.6	29.1	0.0028	0.0032
MAY -2002	29.8	30.0	0.0053	0.0054
JUNE -2002	27.5	26.4	0.0030	0.0023
JULY -2002	27.9	26.8	0.0033	0.0033
AUGUST -2002	28.8	28.4	0.0021	0.0027
SEPTEMBER-2002	26.7	26.9	0.0040	0.0035
OCTOBER -2002	28.2	27.3	0.0027	0.0026
NOVEMBER -2002	27.7	27.8	0.0028	0.0026
DECEMBER -2002	26.8	26.3	0.0027	<0.0020
=========	========	========	========	========
Average:	28.4	27.9	0.0036	0.0035

ND= not detected NA= not analyzed NS= not sampled

### POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE Radioactivity

From: 01-JAN-2002 to: 31-DEC-2002

Sampled by: NDL,A4A Analyzed by: Truesdail Labs Inc.

Source         Month           ====================================	Gross Alpha Radiation  1.6±1.5 1.5±1.3 1.6±1.1 1.9±1.1 1.9±1.2 1.2±1.1 0.7±1.1	Gross Beta Radiation ====================================
PLE AUGUST -2002 PLE SEPTEMBER-2002 PLE OCTOBER -2002 PLE NOVEMBER -2002 PLE DECEMBER -2002	1.8±1.0 0.1±0.8 1.5±1.2 1.3±1.1 0.8±1.0	12.2±4.5 27.9±4.7 14.9±4.8 25.5±5.1 14.9±4.2
AVERAGE  Source Month	1.3±1.1  Gross Alpha Radiation	25.4±4.6  Gross Beta Radiation
PLR JANUARY -2002 PLR FEBRUARY -2002 PLR MARCH -2002 PLR APRIL -2002 PLR MAY -2002 PLR JUNE -2002 PLR JULY -2002 PLR AUGUST -2002 PLR SEPTEMBER-2002 PLR OCTOBER -2002 PLR NOVEMBER -2002 PLR DECEMBER -2002	-0.6±1.5 2.0±1.3 2.0±1.0 1.8±1.2 2.8±1.3 2.9±1.2 1.5±1.6 3.8±1.6 1.7±1.4 2.2±1.5 1.3±1.6 3.4±2.2	35.0±4.6 37.9±4.7 37.6±4.7 35.7±4.6 17.2±3.8 36.3±5.9 24.9±4.0 15.2±4.8 28.9±4.8 18.6±4.7 22.7±4.9 20.8±4.6
AVERAGE		27.6±4.7

ND= not detected NA= not analyzed NS= not sampled

Units in picocuries/liter (pCi/L)

# POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Chlorinated Pesticide Analysis

From 01-JAN-2002 To 31-DEC-2002

			PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN	PLE	PLE AUG	PLE SEP	PLE	PLE NOV	PLE	PLE
Analyte	MDL	Units	Avg	Avg	Avq	Avg	Avg	Avg	Avg	Avg	Avg	Avq	Avg		Average
=======================================	====	=====	_	=====	=====	_	_	=====	=====	=====	=====	=====	=====	_	=====
Aldrin	60	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dieldrin	50	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Alpha isomer	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Beta isomer	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
BHC, Gamma isomer	10	NG/L	16	13	14	13	<10	<10	ND	11	10	11	<10	ND	7
BHC, Delta isomer	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDD	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	<20	ND	ND	0
p,p-DDE	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p,p-DDT	50	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDD	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDE	100	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o,p-DDT	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptachlor epoxide	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha (cis) Chlordane	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Gamma (trans) Chlordane	80	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Chlordene		NG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Gamma Chlordene		NG/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Oxychlordane	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis Nonachlor	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Alpha Endosulfan	30	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Beta Endosulfan	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endosulfan Sulfate	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin	50	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Endrin aldehyde	23	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mirex	20	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methoxychlor	60	NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toxaphene		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1016		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1221		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1232		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1242		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1248		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1254		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1260		NG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCB 1262		NG/L =====	ND =====	ND	ND	ND	ND	ND	ND	ND	ND =====	ND	ND	ND	ND =====
Aldrin + Dieldrin	60	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Hexachlorocyclohexanes	30	NG/L NG/L	16	13	14	13	0	0	0	11	10	11	0	0	7
DDT and derivatives		NG/L	0	0	1.4	0	0	0	0	0	0	0	0	0	0
Chlordane + related cmpds.	80	NG/L NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Polychlorinated biphenyls		NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
Endosulfans	30	NG/L NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
=======================================			=====	-	=====	-	-	-	-	=====	-	=====	-	=====	-
Heptachlors	30	NG/L	0	0	0	0	0	0	0	0	0	0	0	0	0
=======================================		NG/L		=====	=====	-	-	-	=====	=====	-		=====	-	=====
Chlorinated Hydrocarbons		NG/L	16	13	14	13	0	0	0	11	10	11	0	0	7

<sup>&</sup>quot;Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

# POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Chlorinated Pesticide Analysis

From 01-JAN-2002 To 31-DEC-2002

Analyte
Aldrin 60 NG/L ND
Aldrin 60 NG/L ND
Dieldrin   S0
BHC, Alpha isomer 20 NG/L ND
BHC, Beta isomer 30 NG/L ND
BHC, Gamma isomer 10 NG/L 44 37 33 29 <10 35 29 28 23 28 12 23 27  BHC, Delta isomer 30 NG/L ND
BHC, Delta isomer 30 NG/L ND
p,p-DDD         30         NG/L         <30         ND
P,P-DDE         20         NG/L         ND         ND         <20         ND
Description   So   NG/L   ND   ND   ND   ND   ND   ND   ND   N
O,P-DDD         20         NG/L         ND
o,p-DDE         100         NG/L         ND
O,p-DDT
Heptachlor
Heptachlor epoxide         30         NG/L         ND         ND
Alpha (cis) Chlordane 30 NG/L ND
Gamma (trans) Chlordane         80         NG/L         ND         ND
Alpha Chlordene         NG/L         NA         NA
Gamma Chlordene         NG/L         NA         NA
Oxychlordane         20         NG/L         ND         ND
Trans Nonachlor 20 NG/L ND ND ND ND ND ND ND ND 20 ND ND 2
Cis Nonachlor 20 NG/L ND
Alpha Endosulfan 30 NG/L ND
Beta Endosulfan 20 NG/L ND
Endosulfan Sulfate 20 NG/L ND
Endrin 50 NG/L ND
Endrin aldehyde 23 NG/L ND
Mirex 20 NG/L ND
Methoxychlor 60 NG/L ND
Toxaphene 4000 NG/L ND
PCB 1016 4000 NG/L ND
PCB 1221 4000 NG/L ND
PCB 1232 4000 NG/L ND
PCB 1242 4000 NG/L ND
PCB 1248 2000 NG/L ND
PCB 1254 2000 NG/L ND
PCB 1260 2000 NG/L ND
PCB 1262 2000 NG/L ND
Aldrin + Dieldrin 60 NG/L 0 0 0 0 0 0 0 0 0 0 0 0
Hexachlorocyclohexanes 30 NG/L 44 37 33 29 0 35 29 28 23 28 12 23 27
DDT and derivatives 100 NG/L 0 0 0 0 0 0 0 0 0 0 0 0
Chlordane + related cmpds. 80 NG/L 0 0 0 0 0 0 0 0 0 0 0 0
Polychlorinated biphenyls 4000 NG/L 0 0 0 0 0 0 0 0 0 0 0 0 0
Endosulfans 30 NG/L 0 0 0 0 0 0 0 0 0 0 0 0 0
Heptachlors 30 NG/L 0 0 0 0 0 0 0 0 0 0 0 0
Chlorinated Hydrocarbons 4000 NG/L 44 37 33 29 0 35 29 28 23 48 12 23 28

<sup>&</sup>quot;Standards for alpha and gamma chlordene are no longer available in the U.S. for the analysis of these compounds."

# POINT LOMA WASTEWATER TREATMENT PLANT SEMI-ANNUAL SLUDGE PROJECT- Organophosphorus PesticidesEPA Method 614/622 (with additions)

### From 01-JAN-2002 To 31-DEC-2002

Sampling: LC,MC,BGB,RJ,SKB,HHD,NC Analysis: CW,TB,KD

			DIE	DIE	DID
			PLE	PLE 15-OCT-2002	PLR
Analyte	MINT	Units	P175051	P188969	P188974
Anaryce				P100909	
Demeton O		UG/L	ND	ND	ND
Demeton S		UG/L UG/L	ND ND	ND ND	ND ND
Diazinon		UG/L UG/L	0.1	0.1	0.2
Guthion		/	ND	ND	ND
Malathion		UG/L UG/L	0.1	0.2	ND ND
Parathion		UG/L UG/L	ND	ND	ND ND
Paraciiioii		/		ND	112
Thiophosphorus Pesticides		UG/L	0.1	0.2	0.0
Demeton -0, -S		UG/L UG/L	0.1	0.2	0.0
=======================================		/		0.0	
Total Organophosphorus Pesticides			0.3	0.6	0.3
Total Organophosphorus Pesticides	. 21	UG/L	0.3	0.6	0.3
Additional compounds determined					
Additional compounds determined					
Tetraethylpyrophosphate		UG/L	ND	NA	NA
Dichlorvos		UG/L UG/L	ND ND	NA ND	NA ND
Dibrom		UG/L	ND ND	ND ND	ND ND
		UG/L UG/L	ND ND	ND ND	ND ND
Ethoprop Phorate		UG/L UG/L	ND ND	ND ND	ND ND
Sulfotepp		UG/L UG/L	ND ND	ND ND	ND ND
Disulfoton		UG/L UG/L	0.1	0.1	0.1
Monocrotophos		UG/L UG/L	ND	0.1	ND
Dimethoate		UG/L UG/L	ND ND	ND	ND ND
Ronnel		UG/L	ND ND	ND ND	ND ND
Trichloronate		UG/L UG/L	ND ND	ND ND	ND ND
Merphos		UG/L UG/L	ND ND	ND ND	ND ND
Dichlofenthion		UG/L UG/L	ND ND	ND ND	ND ND
Tokuthion		UG/L	ND ND	ND ND	ND ND
Stirophos		UG/L UG/L	ND ND	ND ND	ND ND
Bolstar		UG/L UG/L	ND ND	ND ND	ND ND
Fensulfothion		UG/L UG/L	ND ND	ND ND	ND ND
EPN		UG/L UG/L	ND ND	ND ND	ND ND
		/	ND ND	ND ND	ND ND
Coumaphos		UG/L	ND ND	ND ND	ND ND
Mevinphos, e isomer		UG/L			
Mevinphos, z isomer	٥٢	UG/L	ND	ND	ND
Chlorpyrifos		UG/L	ND	ND	ND
	:				

# POINT LOMA WASTEWATER TREATMENT PLANT ANNUAL SEWAGE MONTHLY - Tributyl Tin analysis

From 01-JAN-2002 To 31-DEC-2002 Sampling: AM Analysis:CW

	PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN	PLE JUL	PLE AUG	PLE SEP	PLE OCT	PLE NOV	PLE DEC	
Analyte MDL Units													Average
=======================================	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Dibutyl tin .75 UG/L	ND	ND											
Monobutyl Tin 4 UG/L	ND	ND											
Tributyl tin .75 UG/L	ND	ND											
=======================================	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
	PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN	PLR JUL	PLR AUG	PLR SEP	PLR OCT	PLR NOV	PLR DEC	
Analyte MDL Units													Average
=======================================	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Dibutyl tin .75 UG/L	ND	ND											
Monobutyl Tin 4 UG/L	ND	ND											
Tributyl tin .75 UG/L	ND	ND											
=======================================	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====

#### POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL - Acid Extractables

From 01-JAN-2002 to 31-DEC-2002

Analyte	MDL	Units	PLE JAN Avg	PLE FEB Avg	PLE MAR Avg	PLE APR Avg	PLE MAY Avg	PLE JUN Avg	PLE JUL Avg	PLE AUG Avg	PLE SEP Avg	PLE OCT Avg	PLE NOV Avg		Average
2-chlorophenol	1.76		==== ND	==== ND	==== ND	===== ND	==== ND	==== ND	==== ND	ND	===== ND	===== ND	===== ND	==== ND	ND
2,4-dichlorophenol		UG/L	ND ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND ND	ND ND
4-chloro-3-methylphenol		UG/L	ND ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND ND	ND ND
2,4,6-trichlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol		UG/L	14.8	16.4	16.6	14.7	12.5	11.0	8.6	8.4	7.9	8.6	7.5	10.3	11.4
2-nitrophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dimethylphenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-dinitrophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-nitrophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-methyl-4,6-dinitrophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Total Chlorinated Phenols		UG/L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
=======================================		=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Total Non-Chlorinated Phenols	6.07		14.8	16.4	16.6	14.7	12.5	11.0	8.6	8.4	7.9	8.6	7.5	10.3	11.4
=======================================		/			=====	=====					=====			=====	=====
Phenols	6.07	UG/L	14.8	16.4	16.6	14.7	12.5	11.0	8.6	8.4	7.9	8.6	7.5	10.3	11.4
Additional analytes determined;															
=======================================	====	=====				=====	=====		=====	=====	=====		=====	=====	=====
2-methylphenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-methylphenol(4-MP is unresolved)		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND
4-methylphenol(3-MP is unresolved)			47.3	55.8	45.1	48.8	38.6	31.4	23.5	22.8	21.7	26.9	25.9	35.5	35.3
2,4,5-trichlorophenol		UG/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
, , , , , , , , , , , , , , , , , , , ,															
			PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	PLR	
			PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN	PLR JUL	PLR AUG	PLR SEP	PLR OCT	PLR NOV	PLR DEC	
Analyte	MDL	Units												DEC	Average
Analyte			JAN	FEB Avg	MAR	APR	MAY Avg	JUN	JUL Avg	AUG	SEP	OCT	NOV Avg	DEC	Average
-	====		JAN Avg	FEB Avg	MAR Avg	APR Avg	MAY Avg	JUN Avg	JUL Avg	AUG Avg	SEP Avg	OCT Avg	NOV Avg	DEC Avg	_
	==== 1.76	=====	JAN Avg	FEB Avg =====	MAR Avg	APR Avg	MAY Avg	JUN Avg	JUL Avg	AUG Avg	SEP Avg ====	OCT Avg	NOV Avg	DEC Avg	=====
2-chlorophenol	==== 1.76 1.95	===== UG/L	JAN Avg ===== ND	FEB Avg ==== ND	MAR Avg ==== ND	APR Avg ==== ND	MAY Avg ==== ND	JUN Avg ==== ND	JUL Avg ==== ND	AUG Avg ==== ND	SEP Avg ===== ND	OCT Avg ==== ND	NOV Avg ND	DEC Avg ===== ND	ND
2-chlorophenol 2,4-dichlorophenol	==== 1.76 1.95 1.34	UG/L UG/L	JAN Avg ==== ND ND	FEB Avg ===== ND ND	MAR Avg ===== ND ND	APR Avg ==== ND ND	MAY Avg ===== ND ND	JUN Avg ===== ND ND	JUL Avg ===== ND ND	AUG Avg ===== ND ND	SEP Avg ==== ND ND	OCT Avg ===== ND ND	NOV Avg ===== ND ND	DEC Avg ==== ND ND	ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol	==== 1.76 1.95 1.34 1.75	UG/L UG/L UG/L	JAN Avg ===== ND ND ND	FEB Avg ===== ND ND ND	MAR Avg ==== ND ND ND	APR Avg ==== ND ND ND	MAY Avg ==== ND ND ND	JUN Avg ===== ND ND ND	JUL Avg ==== ND ND ND	AUG Avg ===== ND ND ND	SEP Avg ==== ND ND ND	OCT Avg ===== ND ND ND	NOV Avg ==== ND ND ND	DEC Avg ===== ND ND ND	ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol	==== 1.76 1.95 1.34 1.75 5.87	UG/L UG/L UG/L UG/L UG/L	JAN Avg ND ND ND ND	FEB Avg ===== ND ND ND ND	MAR Avg ===== ND ND ND ND	APR Avg ===== ND ND ND ND	MAY Avg THE ND ND ND ND ND ND	JUN Avg THE ND ND ND ND ND ND	JUL Avg ===== ND ND ND ND	AUG Avg ===== ND ND ND ND	SEP Avg ===== ND ND ND ND	OCT Avg ND ND ND ND ND	NOV Avg ===== ND ND ND ND	DEC Avg ND ND ND ND	ND ND ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol	1.76 1.95 1.34 1.75 5.87 2.53	UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ==== ND ND ND ND ND ND	FEB Avg ===== ND ND ND ND ND	MAR Avg ===== ND ND ND ND ND	APR Avg ===== ND ND ND ND ND ND ND	MAY Avg ==== ND ND ND ND ND ND	JUN Avg ===== ND ND ND ND ND ND	JUL Avg ===== ND ND ND ND ND ND ND	AUG Avg ==== ND ND ND ND ND ND ND	SEP Avg ===== ND ND ND ND ND	OCT Avg ==== ND ND ND ND ND ND ND	NOV Avg ===== ND ND ND ND ND	DEC Avg ===== ND ND ND ND ND	ND ND ND ND ND ND ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88	UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ==== ND ND ND ND ND ND ND 19.1	FEB Avg ===== ND ND ND ND ND ND	MAR Avg ===== ND ND ND ND ND ND	APR Avg ===== ND ND ND ND ND ND ND 16.7	MAY Avg ==== ND ND ND ND ND ND ND 14.4	JUN Avg ==== ND ND ND ND ND ND ND ND 15.5	JUL Avg ==== ND ND ND ND ND ND	AUG Avg ==== ND ND ND ND ND ND ND 12.1	SEP Avg ===== ND ND ND ND ND ND	OCT Avg ==== ND ND ND ND ND ND ND ND 13.5	NOV Avg ==== ND ND ND ND ND ND	DEC Avg ===== ND ND ND ND ND ND	===== ND ND ND ND ND 14.7
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol	1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ==== ND	MAR Avg ==== ND ND ND ND ND ND ND ND ND	APR Avg ==== ND	MAY Avg ==== ND	JUN Avg ==== ND	JUL Avg ==== ND	AUG Avg ==== ND	SEP Avg ==== ND ND ND ND ND ND	OCT Avg ==== ND	NOV Avg ==== ND	DEC Avg ==== ND	ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol	1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07	UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ==== ND	MAR Avg ==== ND	APR Avg ==== ND	MAY Avg ==== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ==== ND 12.1 ND ND	SEP Avg ==== ND ND ND ND ND ND ND	OCT Avg ===== ND	NOV Avg ===== ND ND ND ND ND ND ND	DEC Avg ==== ND D ND N	ND 14.7 ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimethylphenol 2,4-dimethylphenol	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND ND ND ND ND ND ND ND	MAR AV9 ===== ND ND ND ND ND ND 16.6 ND ND	APR Avg ==== ND	MAY Avg ==== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP AVG ===== ND ND ND ND ND ND ND ND	OCT Avg ==== ND	NOV Avg ===== ND ND ND ND ND ND ND ND	DEC Avg ===== ND	===== ND ND ND ND ND 14.7 ND ND O.0
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2,4-dimethylphenol 2,4-dinitrophenol 4-nitrophenol	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND ND ND ND ND ND 17.0 ND ND ND	MAR Avg ===== ND ND ND ND 16.6 ND ND <6.1	APR Avg ==== ND ND ND ND ND ND ND ND ND 16.7 ND ND ND ND ND ND	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND ND ND ND ND ND ND ND ND 12.1 ND ND ND ND ND ND ND	SEP Avg ===== ND ND ND ND ND ND ND ND ND ND	OCT AVG ===== ND	NOV Avg ===== ND ND ND ND ND ND 12.4 ND ND ND	DEC Avg ==== ND ND ND ND ND ND ND ND 13.6 ND ND ND ND	===== ND ND ND ND ND ND ND 14.7 ND ND ND ND ND ND ND ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Pentachlorophenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 5.87	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND N	FEB Avg ===== ND N	MAR Avg ===== ND ND ND ND 16.6 ND ND <6.1 ND ND 0.0	APR Avg ===== ND ND ND ND ND 16.7 ND ND ND ND ND ND	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND ND ND ND 13.1 ND ND ND ND ND ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND	=====  ND ND ND ND ND ND 14.7 ND ND ND ND ND ND O.0 ND
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Pentachlorophenol 2-nitrophenol 2-nitrophenol 2,4-dimethylphenol 4-nitrophenol 4-mitrophenol 2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 5.87 ==== 6.07	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND N	FEB Avg ===== ND	MAR Avg ===== ND ND ND ND 16.6 ND ND ND	APR Avg ===== ND	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND	=====  ND ND ND ND ND ND 14.7 ND ND 0.0 ND ND 0.0
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Pentachlorophenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 5.87 ==== 6.07	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND	MAR Avg ===== ND	APR Avg ===== ND	MAY Avg ===== ND	JUN Avg ==== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND	=====  ND ND ND ND ND ND 14.7 ND ND 0.0 ND 0.0 ===== 14.7
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Pentachlorophenol 2-nitrophenol 2-nitrophenol 2,4-dimethylphenol 4-nitrophenol 4-mitrophenol 2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 5.87 ==== 6.07	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND N	FEB Avg ===== ND N	MAR Avg ===== ND	APR Avg ===== ND	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND	=====  ND ND ND ND ND ND 14.7 ND ND 0.0 ND ND 0.0
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Pentachlorophenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 5.87 ==== 6.07	===== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND	MAR Avg ===== ND	APR Avg ===== ND	MAY Avg ===== ND	JUN Avg ==== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND	=====  ND ND ND ND ND ND 14.7 ND ND 0.0 ND 0.0 ===== 14.7
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Pentachlorophenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 5.87 ==== 6.07 ==== 6.07	==== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND ND 19.1 ND ND ND ND 19.1 =====	FEB Avg ===== ND	MAR Avg ===== ND ND ND ND 16.6 ND ND ND ND 0.0 ===== 16.6	APR Avg ===== ND	MAY Avg ===== MD MD ND 14.4 ND ND ND 15.0 ===== 14.4	JUN Avg ===== ND	JUL Avg ===== ND	AUG AV9 ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND 12.4 ND ND ND 12.4 ND ND 12.4 ND ND 12.4 12.4 =====	DEC Avg ===== ND	=====  ND ND ND ND ND ND 14.7 ND ND 0.0 ND 14.7 ===== 14.7
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2,4-dimitrophenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.32 6.07 ==== 6.07	==== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ===== ND	MAR Avg ===== ND	APR Avg ===== ND	MAY Avg ===== ND	JUN Avg ==== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ==== ND	DEC Avg ===== ND	===== ND ND ND ND ND ND 14.7 ND ND 0.0 ND ND 14.7
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Pentachlorophenol 2-nitrophenol 2,4-dimethylphenol 2,4-dimitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	==== 1.76 1.95 1.34 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 5.87 ==== 6.07	==== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND ND ND ND ND ND 19.1 ND ND ND ND ND 19.1 ==== 19.1	FEB Avg ===== ND	MAR Avg ==== ND ND ND ND ND ND 16.6 ND ND ND 16.6 1 ND ND 16.6 1 ND ND 16.6 1 ND ND 16.6 1 ND	APR Avg ==== ND	MAY Avg ===== ND	JUN Avg ===== ND	JUL Avg ===== ND	AUG Avg ===== ND	SEP Avg ===== ND	OCT Avg ===== ND	NOV Avg ===== ND	DEC Avg ===== ND	===== ND ND ND ND ND ND 14.7 ND ND 0.0 ND ND 14.7 ===== 14.7
2-chlorophenol 2,4-dichlorophenol 4-chloro-3-methylphenol 2,4,6-trichlorophenol Pentachlorophenol Phenol 2-nitrophenol 2-nitrophenol 2,4-dimethylphenol 2,4-dinitrophenol 4-nitrophenol 2-methyl-4,6-dinitrophenol Total Chlorinated Phenols	==== 1.76 1.95 1.35 1.75 5.87 2.53 1.88 1.32 6.07 3.17 4.29 5.87 ==== 6.07 ==== 6.07	==== UG/L UG/L UG/L UG/L UG/L UG/L UG/L UG/L	JAN Avg ===== ND	FEB Avg ==== ND	MAR Avg ===== ND	APR Avg ==== ND	MAY Avg ===== ND	JUN Avg ==== ND	JUL Avg ==== ND	AUG Avg ===== ND	SEP Avg ==== ND	OCT Avg ==== ND	NOV Avg ===== ND	DEC Avg ===== ND	=====  ND ND ND ND ND ND 14.7 ND ND ND 0.0 ND ND 14.7

# POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Base/Neutrals From 01-JAN-2002 to 31-DEC-2002

			PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN	PLE JUL	PLE AUG	PLE SEP	PLE OCT	PLE NOV	PLE DEC	PLE
Analyte	MDL	Units	Avg	Average											
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND											
1,3-dichlorobenzene	1.65	UG/L	ND	ND											
1,2-dichlorobenzene	1.63	UG/L	ND	ND											
1,4-dichlorobenzene	2.3	UG/L	<2.3	<2.3	<2.3	<2.3	2.9	ND	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	0.2
Bis-(2-chloroisopropyl) ether N-nitrosodi-n-propylamine	8.95 1.63	UG/L UG/L	ND ND	ND ND											
Nitrobenzene	1.52	UG/L	ND	ND											
Hexachloroethane	3.55	UG/L	ND	ND											
Isophorone	1.93	UG/L	ND	ND											
bis(2-chloroethoxy)methane	1.57	UG/L	ND	ND											
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND											
Naphthalene	1.52	UG/L	ND	ND											
Hexachlorobutadiene	2.87	UG/L	ND	ND											
Hexachlorocyclopentadiene	2.02	UG/L UG/L	ND ND	ND ND											
Acenaphthylene Dimethyl phthalate	3.26	UG/L	ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND											
Acenaphthene	2.2	UG/L	ND	ND											
2,4-dinitrotoluene	1.49	UG/L	ND	ND											
Fluorene	2.43	UG/L	ND	ND											
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND											
Diethyl phthalate	6.97	UG/L	ND	ND	8.7	ND	11.1	<7.0	ND	ND	ND	7.3	ND	ND	2.3
N-nitrosodiphenylamine	2.96	UG/L	ND	ND											
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND											
Hexachlorobenzene	4.8	UG/L	ND	ND											
Phenanthrene	4.15	UG/L UG/L	ND ND	ND											
Anthracene Di-n-butyl phthalate	6.49	UG/L UG/L	ND ND	ND	ND	ND ND									
N-nitrosodimethylamine	2.01	UG/L	ND	ND											
Fluoranthene	6.9	UG/L	ND	ND											
Pyrene	5.19	UG/L	ND	ND											
Benzidine	1.02	UG/L	ND	ND											
Butyl benzyl phthalate	4.77	UG/L	ND	ND											
Chrysene	7.49	UG/L	ND	ND											
Benzo[A]anthracene	7.68	UG/L	ND	ND											
Bis-(2-ethylhexyl) phthalate	10.43		ND	<10.4	ND	49.8	ND	ND	4.2						
Di-n-octyl phthalate	8.59 2.43	UG/L UG/L	ND ND	26.3 ND	ND ND	ND ND	2.2 ND								
3,3-dichlorobenzidine Benzo[K]fluoranthene	7.36	UG/L UG/L	ND ND	ND	ND	ND ND									
3,4-benzo(B)fluoranthene	6.63	UG/L	ND	ND											
Benzo[A]pyrene	6.53	UG/L	ND	ND											
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND											
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND											
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND											
1,2-diphenylhydrazine	2.49	UG/L	ND	ND											
			=====											=====	
Total Dichlorobenzenes	1.65	UG/L UG/L	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Polynuc. Aromatic Hydrocarbons		, -	=====	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43		0.0	0.0	8.7	0.0	14.0	0.0	0.0	0.0	0.0	83.4	0.0	0.0	8.8
Additional analytes determined	l;														
=======================================		=====	=====	=====			=====	=====	=====						=====
1-methylnaphthalene	2.18	UG/L	ND	ND											
2-methylnaphthalene	2.25	UG/L	ND	ND											
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND											
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND											
1-methylphenanthrene	6.29 7.67	UG/L UG/L	ND	ND ND	ND ND	ND	ND ND	ND							
Benzo[e]pyrene Perylene	6.61	UG/L UG/L	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND
Biphenyl	2.43	UG/L UG/L	ND	ND	ND	ND	ND ND	ND	ND						
T7 =		,				2.2			2.2		2.2			1.2	

# POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Base/Neutrals From 01-JAN-2002 To 31-DEC-2002

			PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN	PLR JUL	PLR AUG	PLR SEP	PLR OCT	PLR NOV	PLR DEC	PLR
Analyte	MDL	Units	Avg		Average										
bis(2-chloroethyl) ether	2.62	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1,3-dichlorobenzene	1.65	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1,2-dichlorobenzene	1.63	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1,4-dichlorobenzene	2.3	UG/L	<2.3	<2.3	<2.3	2.6	3.1	*	3.0	<2.3	2.3	<2.3	3.0	2.5	1.5
Bis-(2-chloroisopropyl) ether	8.95	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
N-nitrosodi-n-propylamine	1.63	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	1.52	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	3.55	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Isophorone bis(2-chloroethoxy)methane	1.93 1.57	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	ND ND	*	ND ND	ND	ND	ND	ND	ND	ND
Naphthalene	1.52	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	2.87	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene		UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	2.02	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate	3.26	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
2,6-dinitrotoluene	1.93	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	2.2	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
2,4-dinitrotoluene Fluorene	1.49	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
4-chlorophenyl phenyl ether	3.62	UG/L	ND	ND	ND ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate	6.97	UG/L	ND	ND	8.2	ND	9.6	*	ND	ND	ND	7.5	ND	ND	2.3
N-nitrosodiphenylamine	2.96	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
4-bromophenyl phenyl ether	4.04	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	4.8	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	4.15	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Anthracene	4.04	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	6.49	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
N-nitrosodimethylamine Fluoranthene	2.01 6.9	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Pyrene	5.19	UG/L	ND	ND ND	ND ND	ND	ND	*	ND ND	ND	ND	ND	ND	ND	ND
Benzidine	1.02	UG/L	ND	ND											
Butyl benzyl phthalate	4.77	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Chrysene	7.49	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Benzo[A]anthracene	7.68	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bis-(2-ethylhexyl) phthalate	10.43		ND	16.7	10.6	14.2	18.7	*	13.6	14.8	11.4	55.0	17.9	14.0	17.0
Di-n-octyl phthalate	8.59	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	23.9	ND	ND	2.2
3,3-dichlorobenzidine	2.43	UG/L	ND	ND	ND	ND	ND	ND *	ND	ND	ND	ND	ND	ND	ND ND
Benzo[K]fluoranthene 3,4-benzo(B)fluoranthene	7.36 6.63	UG/L UG/L	ND ND	ND ND	ND ND	ND ND	ND ND	*	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
Benzo[A]pyrene	6.53	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-CD)pyrene	6.27	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Dibenzo(A,H)anthracene	6.19	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Benzo[G,H,I]perylene	6.5	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1,2-diphenylhydrazine	2.49	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
			=====	=====		=====	=====	=====		=====	=====	=====	=====	=====	=====
Total Dichlorobenzenes	1.65	UG/L	0.0	0.0	0.0	0.0	0.0	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Polynuc. Aromatic Hydrocarbons		UG/L	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0
Base/Neutral Compounds	10.43		0.0	16.7	18.8	16.8	31.4	0.0	16.6	14.8	13.7	86.4	20.9	16.5	21.1
Additional analytes determined	;														
=======================================	==	===	=====	=====	=====	===	=====	=====	=====		===	===	=====	===	====-
1-methylnaphthalene	2.18	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
2-methylnaphthalene	2.25	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
2,6-dimethylnaphthalene	3.31	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
2,3,5-trimethylnaphthalene	4.4	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1-methylphenanthrene	6.29	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Benzo[e]pyrene	7.67	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Perylene	6.61	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Biphenyl	2.43	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND

monitoring.

### POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Purgeables

From 01-JAN-2002 to 31-DEC-2002

			PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN	PLE JUL	PLE AUG	PLE SEP	PLE OCT	PLE NOV	PLE DEC	PLE
Analyte	MDL	Units	Avg	Average											
=======================================	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Chloromethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	<1.0	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	0.0
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Chloroethane	3	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	2.6	1.5	1.9	2.5	2.8	*	3.2	3.7	3.2	4.9	3.6	2.4	2.9
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Chloroform	1	UG/L	5.9	4.3	5.7	6.7	5.6	*	6.1	4.1	5.4	ND	9.8	6.1	5.4
1,2-dichloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	1.8	<1.0	1.2	1.4	ND	*	1.1	ND	ND	ND	2.1	1.3	0.8
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	1.6	1.0	1.0	1.1	ND	*	ND	ND	ND	ND	1.8	<1.0	0.6
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	<1.0	0.0
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	5	UG/L	ND	*	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromoform	6.1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	1.6	1.3	0.3
Toluene	1	UG/L	2.0	1.9	4.2	3.1	1.9	*	1.4	1.8	8.1	2.2	4.6	2.0	3.0
Chlorobenzene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	<1.0	ND	ND	ND	0.0
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
=======================================	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Halomethane Purgeable Cmpnds	6.1	UG/L	3.4	1.0	2.2	2.5	0.0	*	1.1	0.0	0.0	0.0	3.9	1.3	1.4
	====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====	=====
Purgeable Compounds	13.8	UG/L	13.9	8.7	14.0	14.8	10.3	*	11.8	22.3	37.5	7.1	23.5	20.5	16.8
Additional analytes determine	ed;														
=======================================	====	=====	=====	=====	=====	=====	=====	=====		=====	=====	=====	=====		=====
Allyl chloride	1.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	ND	ND	ND	ND	*	*	ND	ND	3.5	ND	ND	ND	0.4
Styrene	4.7	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Methyl Iodide	1.3	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Acetone	20	UG/L	903	403	807	746	*	*	905	1010	788	859	1970	1570	996
Carbon disulfide	1	UG/L	1.5	1.1	ND	1.4	*	*	1.5	1.9	2.1	1.4	8.2	<1.0	1.9
2-butanone	4	UG/L	ND	ND	ND	ND	*	*	ND	12.7	20.8	ND	ND	7.4	4.1
Methyl tert-butyl ether	1	UG/L	2.1	2.0	1.8	2.4	*	*	ND	1.2	1.4	3.4	5.1	1.8	2.1
11	-	/ -													

nd=not detected; NS=not sampled; NA=not analyzed
\* Data quality objectives were insufficient for compliance monitoring.

### POINT LOMA WASTEWATER TREATMENT PLANT SEWAGE ANNUAL Priority Pollutants Purgeables

From 01-JAN-2002 to 31-DEC-2002

Analyte	MDL	Units	PLR JAN Avq	PLR FEB Avq	PLR MAR Avq	PLR APR Avq	PLR MAY Avq	PLR JUN Avq	PLR JUL Avq	PLR AUG Avg	PLR SEP Avg	PLR OCT Avq	PLR NOV Avq	PLR DEC	PLR Average
=======================================	====		=====	=====	=====	=====	=====	=====	=====	=====	=====	_	=====	=====	=====
Chloromethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromomethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Chloroethane	3	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1,1-dichloroethene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	2	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	1	UG/L	1.7	1.9	2.0	6.1	2.0	*	2.3	2.0	2.1	3.6	2.7	1.6	2.5
1,1-dichloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
trans-1,2-dichloroethene	1	UG/L	ND	ND	ND	ND	ND 4.6	*	ND	ND	ND	ND ND	ND 6.9	ND	ND
Chloroform 1,2-dichloroethane	1 1	UG/L UG/L	5.8 ND	4.9 ND	5.6 ND	8.4 ND	4.6 ND	*	7.7 ND	3.7 ND	5.8 ND	ND ND	ND	8.8 ND	5.7 ND
1,1,1-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	1	UG/L	ND	1.3	<1.0	ND	ND	*	1.4	ND	2.2	ND	2.6	1.5	0.8
1,2-dichloropropane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
trans-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Benzene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1	UG/L	ND	1.0	ND	ND	ND	*	ND	ND	1.8	ND	1.9	1.5	0.6
1,1,2-trichloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
cis-1,3-dichloropropene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
2-chloroethylvinyl ether	5	UG/L	ND	*	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Bromoform	6.1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-tetrachloroethane	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1	UG/L	2.4	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	1.2	0.3
Toluene	1	UG/L	3.4	ND	5.5	5.1	ND	*	1.4	1.1	1.1	2.5	1.5	1.4	2.1
Chlorobenzene	1	UG/L	1.3	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	0.1
Ethylbenzene	1	UG/L	ND	ND	ND	ND	ND	*	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	13.8	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Acrolein	11.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
			=====	=====	=====	=====	=====	=====		=====	=====		=====	=====	
Halomethane Purgeable Cmpnds		UG/L	0.0	2.3	0.0	0.0	0.0	*	1.4	0.0	4.0	0.0	4.5	3.0	1.4
Purgeable Compounds		UG/L	14.6	9.1	13.1	19.6	6.6	*	12.8	14.9	13.0	6.1	15.6	24.3	13.6
Additional analytes determin	ed;														
=======================================	====	=====	=====	=====	=====	=====	=====	=====	====	=====	=====	=====	=====	=====	=====
Allyl chloride	1.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
4-methyl-2-pentanone	6.1	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
meta,para xylenes	3.1	UG/L	<3.1	ND	ND	3.3	*	*	ND	ND	ND	ND	ND	ND	0.3
Styrene	4.7	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
1,2,4-trichlorobenzene	1.44	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Methyl Iodide	1.3	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Chloroprene	1.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Methyl methacrylate	4.6	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
2-nitropropane	10	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
1,2-dibromoethane	3.3	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	4.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Benzyl chloride	7.2	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
ortho-xylene	3.4	UG/L	ND	ND	ND	ND	*	*	ND	ND	ND	ND	ND	ND	ND
Acetone	20	UG/L	4630	285	229	471	*	*	866	388	305	1480	1650	2150	1245
Carbon disulfide	1	UG/L	1.2	1.1	ND	1.4	*	*	1.5	ND	1.6	1.8	5.0	ND	1.4
2-butanone	4	UG/L	ND	ND	ND	ND	*	*	ND	8.1	ND	ND	ND	8.3	1.6
Methyl tert-butyl ether	1	UG/L	2.7	1.5	5.3	13.8	*	*	8.0	ND	1.3	4.6	5.4	3.0	4.6

monitoring.

### POINT LOMA WASTEWATER TREATMENT PLANT Annual Sewage Dioxin and Furan Analysis

From 01-JAN-2002 to 31-DEC-2002

Sampled by: A. Martinez Analyzed by: Pacific Analytical Inc.

				PLE JAN	PLE FEB	PLE MAR	PLE APR	PLE MAY	PLE JUN
Analyte	MDL	Units	s Equiv	P128540	P130094	P132995	P135388	P138139	P172172
=======================================	===	====	=====		========				========
2,3,7,8-tetra CDD	10	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	50	PG/L	0.010	ND	<50.000	ND	ND	ND	ND
octa CDD			0.001	ND	ND	<100.000	ND	ND	ND
2,3,7,8-tetra CDF	10	- ,	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50		0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50		0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	50	- ,	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	50	- ,	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF			0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF			0.010	ND	ND	ND	ND	ND	ND
octa CDF	100	PG/L	0.001	ND	ND	ND	ND	ND	ND
				PLE	PLE	PLE	PLE	PLE	PLE
				JUL	AUG	SEP	OCT	NOV	DEC
Analyte	MDT.	IInita	s Equiv	P175848	P180328	P186420	P188969	P194180	P197141
=======================================			=====	========			========	========	========
2,3,7,8-tetra CDD	10	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	50	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDD	100	PG/L	0.001	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	10	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50	PG/L	0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF	50	PG/L	0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF	50	PG/L	0.010	ND	ND	ND	ND	ND	ND
octa CDF			0.001						

Above are permit required CDD/CDF isomers. nd= not detected

NA= not analyzed NS= not sampled

# POINT LOMA WASTEWATER TREATMENT PLANT Annual Sewage Dioxin and Furan Analysis

From 01-JAN-2002 to 31-DEC-2002

Sampled by: A. Martinez Analyzed by: Pacific Analytical Inc.

TCDD Equivalents for:

			PLE	PLE	PLE	PLE	PLE	PLE	PLE
			TCDD	TCDD	TCDD	TCDD	TCDD	TCDD	TCDD
			JAN	FEB	MAR	APR	MAY	JUN	JUL
Analyte	MD	L Units	P128540	P130094	P132995	P135388	P138139	P172172	P175848
=======================================	===	==== ==:	======= ==	======= ==	======= =:			======= ==	=======
2,3,7,8-tetra CDD	10	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD		PG/L	ND	ND	ND	ND	ND	ND	ND
octa CDD		PG/L	ND	ND	ND	ND	ND	ND	ND
2,3,7,8-tetra CDF	10	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF		PG/L	ND	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF		PG/L	ND	ND	ND	ND	ND	ND	ND
octa CDF	100	PG/L	ND	ND	ND	ND	ND	ND	ND
			PLE	PLE	PLE	PLE	PLE		
			TCDD	TCDD	TCDD	TCDD	TCDD		
			AUG	SEP	OCT	NOV	DEC		
Analyte	MD	L Units	P180328	P186420	P188969	P194180	P197141		
=======================================									
2,3,7,8-tetra CDD	10	PG/L	ND	ND	ND	ND	ND		
1,2,3,7,8-penta CDD	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,4,7,8_hexa_CDD	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,6,7,8-hexa CDD	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,7,8,9-hexa CDD	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,4,6,7,8-hepta CDD		PG/L	ND	ND	ND	ND	ND		
octa CDD		PG/L	ND	ND	ND	ND	ND		
2,3,7,8-tetra CDF	10	PG/L	ND	ND	ND	ND	ND		
1,2,3,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND		
2,3,4,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,4,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,7,8,9-hexa CDF	50	PG/L	ND	ND	ND	ND	ND		
2,3,4,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND		
1,2,3,4,6,7,8-hepta CDF		PG/L	ND	ND	ND	ND	ND		
1,2,3,4,7,8,9-hepta CDF		PG/L	ND	ND	ND	ND	ND		
octa CDF	T00	PG/L	ND	ND	ND	ND	ND		

Above are permit required CDD/CDF isomers. nd= not detected NA= not analyzed NS= not sampled

### POINT LOMA WASTEWATER TREATMENT PLANT Annual Sewage Dioxin and Furan Analysis

### From 01-JAN-2002 to 31-DEC-2002

Sampled by: A. Martinez Analyzed by: Pacific Analytical Inc.

				PLR JAN	PLR FEB	PLR MAR	PLR APR	PLR MAY	PLR JUN
Analyte	MDL		Equiv	P128543	P130099	P132998	P135391	P138144	P172175
2,3,7,8-tetra CDD	10		1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8 hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD	50	PG/L	0.010	590.000	ND	ND	ND	ND	ND
octa CDD	100	PG/L	0.001	4800.000	340.000	130.000	ND	ND	100.000
2,3,7,8-tetra CDF	10	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50	PG/L	0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF			0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF			0.010	ND	ND	ND	ND	ND	ND
octa CDF	100	PG/L	0.001	480.000	ND	ND	ND	ND	ND
				PLR JUL	PLR AUG	PLR SEP	PLR OCT	PLR NOV	PLR DEC
Analyte	MDL	Units	Equiv	P175851	P180333	P186423	P188974	P194183	P197144
	===	====	=====	========	========	========	========	========	========
2,3,7,8-tetra CDD	10	PG/L	1.000	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDD	50	PG/L	0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8_hexa_CDD	50	PG/L	0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDD	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDD	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDD			0.010	ND	ND	ND	ND	ND	ND
octa CDD	100	PG/L		ND	150.000	ND	ND	ND	270.000
2,3,7,8-tetra CDF	10		0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8-penta CDF	50		0.050	ND	ND	ND	ND	ND	ND
2,3,4,7,8-penta CDF	50		0.500	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,6,7,8-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,7,8,9-hexa CDF	50	- ,	0.100	ND	ND	ND	ND	ND	ND
2,3,4,6,7,8-hexa CDF	50		0.100	ND	ND	ND	ND	ND	ND
1,2,3,4,6,7,8-hepta CDF			0.010	ND	ND	ND	ND	ND	ND
1,2,3,4,7,8,9-hepta CDF octa CDF			0.010	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
OCCA CDF	TOO	PG/L	0.001	ND	ND	ND	ND	ND	ND

Above are permit required CDD/CDF isomers.

nd= not detected NA= not analyzed NS= not sampled

### POINT LOMA WASTEWATER TREATMENT PLANT Annual Sewage Dioxin and Furan Analysis

From 01-JAN-2002 to 31-DEC-2002

Sampled by: A. Martinez Analyzed by: Pacific Analytical Inc.

TCDD Equivalents for:

			PLR TCDD JAN	PLR TCDD FEB	PLR TCDD MAR	PLR TCDD APR	PLR TCDD MAY	PLR TCDD JUN	PLR TCDD JUL
Analyte	MDI	L Unit		P130099	P132998	P135391	P138144	P172175	P175851
=======================================	===	====	========	========	========	========	========	========	========
2,3,7,8-tetra CDD	10	PG/L	ND						
1,2,3,7,8-penta CDD	50	PG/L	ND						
1,2,3,4,7,8_hexa_CDD	50	PG/L	ND						
1,2,3,6,7,8-hexa CDD	50	PG/L	ND						
1,2,3,7,8,9-hexa CDD	50	PG/L	ND						
1,2,3,4,6,7,8-hepta CDD	50	PG/L	5.900	ND	ND	ND	ND	ND	ND
octa CDD	100	PG/L	4.800	0.340	0.130	ND	ND	0.100	ND
2,3,7,8-tetra CDF	10	PG/L	ND						
1,2,3,7,8-penta CDF	50	PG/L	ND						
2,3,4,7,8-penta CDF	50	PG/L	ND						
1,2,3,4,7,8-hexa CDF	50	PG/L	ND						
1,2,3,6,7,8-hexa CDF	50	PG/L	ND						
1,2,3,7,8,9-hexa CDF	50	PG/L	ND						
2,3,4,6,7,8-hexa CDF	50	PG/L	ND						
1,2,3,4,6,7,8-hepta CDF	50	PG/L	ND						
1,2,3,4,7,8,9-hepta CDF	50	PG/L	ND						
octa CDF	100	PG/L	0.480	ND	ND	ND	ND	ND	ND

			PLR	PLR	PLR	PLR	PLR	
			TCDD	TCDD	TCDD	TCDD	TCDD	
			AUG	SEP	OCT	NOV	DEC	
Analyte	$\mathtt{MDL}$	Units	P180333	P186423	P188974	P194183	P197144	
=======================================	===	====						
2,3,7,8-tetra CDD	10	PG/L	ND	ND	ND	ND	ND	
1,2,3,7,8-penta CDD	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,7,8_hexa_CDD	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,6,7,8-hexa CDD	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,7,8,9-hexa CDD	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,6,7,8-hepta CDD	50	PG/L	ND	ND	ND	ND	ND	
octa CDD	100	PG/L	0.150	ND	ND	ND	0.270	
2,3,7,8-tetra CDF	10	PG/L	ND	ND	ND	ND	ND	
1,2,3,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND	
2,3,4,7,8-penta CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,7,8,9-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	
2,3,4,6,7,8-hexa CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,6,7,8-hepta CDF	50	PG/L	ND	ND	ND	ND	ND	
1,2,3,4,7,8,9-hepta CDF	50	PG/L	ND	ND	ND	ND	ND	
octa CDF	100	PG/L	ND	ND	ND	ND	ND	

Above are permit required CDD/CDF isomers.

nd= not detected NA= not analyzed NS= not sampled

### 2002 **Point Loma Treatment Plant Total Coliforms**

The following are the monthly Total Coliform results of the Point Loma Treatment Plant Effluent. The value is stated in terms of Most Probable Number (MPN) per 100 milliliters of sample.

SAMPLE SOURCE (Pt. Loma Treatment Plant Effluent)

THIN EL BOCKEL (I I. LO	ina freatment frant Er
DATE	TOTAL
	COLIFORM
	(MPN
	Index/100ml)
January 8, 2002	2,300,000
February 15, 2002	50,000,000
March 14, 2002	13,000,000
April 8, 2002	30,000,000
May 23, 2002	13,000,000
June 19, 2002	13,000,000
July 24, 2002	3,000,000
August 1, 2002	23,000,000
September 24, 2002	22,000,000
October 8, 2002	3,000,000
November 27, 2002	13,000,000
December 13, 2002	13,000,000
Average	16,525,000

# POINT LOMA WASTEWATER TREATMENT PLANT From 01-JAN-2002 To 31-DEC-2002

SAMPLED BY: NL,JC,GR,MS,MC ANALYZED BY: HD,JC,MC,GR,GS,JW,FM

	Tota		Calcium		Magne		Calci	um
	Hardı		Hardness		Hardr			
MDL:	.22		. 2	mg/L	.08	mg/L	.08	mg/L
Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
=========	========	========	=======================================	=======	========	========	========	========
JANUARY -2002	429	407	219	205	210	203	88	82
FEBRUARY -2002	434	408	222	202	211	207	89	81
MARCH -2002	452	431	230	212	222	219	92	85
APRIL -2002	443	414	225	203	218	211	90	81
MAY -2002	477	432	241	211	236	222	97	84
JUNE -2002	473	448	231	214	241	235	93	86
JULY -2002	485	464	237	221	248	243	95	89
AUGUST -2002	459	431	224	204	235	227	90	82
SEPTEMBER-2002	460	424	221	197	240	227	88	79
OCTOBER -2002	420	399	201	189	218	211	81	76
NOVEMBER -2002	420	395	210	193	210	203	84	77
DECEMBER -2002	495	469	247	228	248	241	99	91
=========	========	========	=======================================	=======	========	========	========	========
Average:	454	427	226	207	228	221	91	83
	Alka	linity	Total Solids		Total Soli	Volatile ds	Conduc	tivity
MDL:	1.5	mg/L	100	mg/L	100	mg/L	10	umhos/cm
Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
==========	=========		=======================================			========	========	
JANUARY -2002	287	253	1840	1570	440	244	2620	2600
FEBRUARY -2002	276	250	1810	1610	464	279	2640	2640
MARCH -2002	288	261	1790	1560	460	252	2740	2770
APRIL -2002	288	260	1840	1600	480	285	2650	2630
MAY -2002	290	268	1930	1680	508	307	2730	2750
JUNE -2002	279	252	2030	1790	533	332	2820	2840
JULY -2002	289	261	2150	1870	575	365	2940	2940
AUGUST -2002	292	268	2040	1810	559	373	2780	2800
SEPTEMBER-2002	278	254	2030	1800	522	341	2820	2810
OCTOBER -2002	278	247	1970	1710	500	289	2820	2810
NOVEMBER -2002	281	254	1960	1680	494	280	2730	2760
DECEMBER -2002	277	244	1970	1770	515	350	2760	2770
DECEMBER -2002		244		1770	212	350		2//0
	========							
Average:	284	256	1947	1704	504	308	2754	2760
	en 1				~ 1			
	Chlo		Bromide		Sulf		Nitr	
MDL:	.8	mg/L	.02	mg/L	.5	mg/L	.03	mg/L
Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
==========	========		=======================================			========		=======
JANUARY -2002	528	526	1.26	1.20	256	251	ND	0.61
FEBRUARY -2002	532	547	1.31	1.31	253	251	ND	0.49
MARCH -2002	577	588	1.46	1.46	259	254	ND	0.10
APRIL -2002	527	548	1.29	1.31	251	247	ND	0.52
MAY -2002	583	595	1.43	1.30	254	250	ND	0.86
JUNE -2002	631	646	1.38	1.50	260	256	ND	0.12
JULY -2002	663	664	1.53	1.47	257	250	ND ND	0.94
AUGUST -2002	607	625	1.57	1.33	255	249	0.28	ND
SEPTEMBER-2002	621	647	1.52	1.33	260	256	ND	0.87
OCTOBER -2002	614	623	1.06	1.34	252	246	0.20	2.37
NOVEMBER -2002	607	627	2.03	1.16	251	250	ND	1.38
DECEMBER -2002	657	634	0.74	0.96	275	266	ND	0.79
=========	========	========		=======	========	========		========
Average:	596	606	1.38	1.31	257	252	0.04	0.75

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required Samples are 24 hour composites

### POINT LOMA WASTEWATER TREATMENT PLANT From 01-JAN-2002 To 31-DEC-2002

SAMPLED BY: NL,JC,GR,MS,MC ANALYZED BY: HD,JC,MC,GR,GS,JW,FM

Character   Char									
MORLE   MORL		Lithi	Lum	Sodi	ım	Potas	sium		
ADMINITY   -2002	Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	22 Inf.	mg/L Eff.
PEBRUARY - 2002									
MARCH									
NATE   Color   Color								578	
ULIN	APRIL -2002	0.04	0.04	341	342	31.0	29.9	664	243
Note	MAY -2002	0.02	0.05	376	358	33.7	33.2	607	251
AUSUST - 2002									236
SEPTEMBER - 2002									
Notember   2002   0.05   0.03   355   346   31.5   29.1   548   198									
NOVEMBER - 2002									
December - 2002									
Average: 0.04 0.04 368 359 31.7 30.4 598 239    Total Dissolved Solids									
Total Dissolved   Floatables   Turbidity   Aluminum   Solids   MDL:   42   Months   Inf.   Eff.									
MDL:   42   mg/L   .1   mg/L   .1   mg/L		0.04	0.04	368		31.7	30.4	598	239
MDL:   42   mg/L   .1   mg/L   .1   mg/L									
Months		Solid	ls			Turbi	_		
Note									
JANUARY -2002 1490 1480 3.5 0.1 149 42 1720 138 FEBRUARY -2002 1490 1490 1.7 0.1 144 48 1730 184 MARCH -2002 1550 1540 2.6 0.1 144 45 1680 151 APRIL -2002 1560 1540 3.4 0.1 148 43 2130 228 MAY -2002 1590 1580 1.6 0.1 156 43 1910 240 JUNE -2002 1690 1700 2.7 0.1 159 45 2030 214 JUNE -2002 1690 1700 1.9 0.1 166 48 2310 201 AUGUST -2002 1640 1640 1.3 0.1 154 46 1870 302 SEPTEMBER -2002 1770 1760 1.9 0.1 154 46 1870 302 SEPTEMBER -2002 1730 1720 1.9 0.2 154 44 1790 138 CCTOBER -2002 1600 1590 2.7 0.2 151 46 1650 108 NOVEMBER -2002 1600 1590 2.7 0.2 151 46 1650 108 NOVEMBER -2002 1600 1590 4.4 0.1 137 44 1990 118 DECEMBER -2002 1610 1590 4.4 0.1 137 44 1990 118 DECEMBER -2002 1610 1590 4.4 0.1 137 44 1990 118 DECEMBER -2002 1610 1590 4.4 0.1 137 43 1600 182		•						•	
FEBRUARY - 2002									
MARCH									
APRIL -2002 1560 1540 3.4 0.1 148 43 2130 228 MAY -2002 1590 1580 1.6 0.1 156 43 1910 240 JUNE -2002 1690 1700 2.7 0.1 159 45 2030 214 JULY -2002 1770 1760 1.9 0.1 166 48 2310 201 AUGUST -2002 1640 1640 1.3 0.1 154 46 1870 302 SEPTEMBER-2002 1730 1720 1.9 0.2 154 44 1790 138 OCTOBER -2002 1600 1590 2.7 0.2 154 44 1790 138 OCTOBER -2002 1600 1590 2.7 0.2 151 46 1650 108 NOVEMBER -2002 1620 1600 3.8 0.1 137 44 1990 118 DECEMBER -2002 1610 1590 4.4 0.1 137 43 1600 182									
JUNE   -2002   1690   1700   2.7   0.1   159   45   2030   214   2017   2020   1770   1760   1.9   0.1   166   48   2310   201   201   201   202   202   202   2030   20			1540	3.4		148	43		228
JULY   -2002   1770   1760   1.9   0.1   166   48   2310   201     AUGUST   -2002   1640   1640   1.3   0.1   154   46   1870   302     SEPTEMBER-2002   1730   1720   1.9   0.2   154   44   1790   138     OCTOBER   -2002   1600   1590   2.7   0.2   151   46   1650   108     NOVEMBER   -2002   1620   1600   3.8   0.1   137   44   1990   118     DECEMBER   -2002   1610   1590   4.4   0.1   137   43   1600   182     SECONDER   -2002   1610   1590   4.4   0.1   137   43   1600   182     SECONDER   -2002   1610   1590   4.4   0.1   150   45   1868   184      Morths   Inf.   Eff.   Inf.   Eff.   Inf.   Eff.   Inf.   Eff.     SECONDER   -2002   456   458   ND   ND   10   5   121   130     MARCH   -2002   457   405   NR   NR   NR   NR   141   152     APRIL   -2002   528   482   4   4   9   5   128   138     MAY   -2002   541   537   ND   ND   5   5   185   181     JUNE   -2002   466   313   44   ND   ND   16   3   160   183     AUGUST   -2002   423   427   44   NR   NR   NR   NR   155   178     NOVEMBER   -2002   423   427   44   44   9   7   7   129   150     NOVEMBER   -2002   423   427   44   NR   NR   NR   NR   NR   155   178     NOVEMBER   -2002   423   427   44   44   9   7   7   129   150     NOVEMBER   -2002   423   427   44   44   49   7   7   129   150     NOVEMBER   -2002   423   427   44   44   49   7   7   129   150     NOVEMBER   -2002   424   427   44   44   49   7   7   129   150     NOVEMBER   -2002   423   427   44   44   49   7   7   129   150     NOVEMBER   -2002   424   427   44   44   49   7   7   129   150     NOVEMBER   -2002   424   427   44   44   49   7   7   129   150     NOVEMBER   -2002   424   427   44   44   44   49   7   7   129   150     NOVEMBER   -2002   424   427   44   44   44   49   7   7   129   150     NOVEMBER   -2002   424   44   44   44   44   44   44	MAY -2002	1590	1580	1.6	0.1	156	43	1910	240
AUGUST -2002 1640 1640 1.3 0.1 154 46 1870 302 SEPTEMBER-2002 1730 1720 1.9 0.2 154 44 1790 138 OCTOBER -2002 1600 1590 2.7 0.2 151 46 1650 108 NOVEMBER -2002 1620 1600 3.8 0.1 137 44 1990 118 DECEMBER -2002 1610 1590 4.4 0.1 137 43 1600 182									
SEPTEMBER-2002									
OCTOBER -2002									
NOVEMBER -2002   1620   1600   3.8   0.1   137   44   1990   118									
DECEMBER - 2002   1610   1590   4.4   0.1   137   43   1600   182									
Boron   Cobalt   Molybdenum   Manganese   MDL:									
Boron   Cobalt   Molybdenum   Manganese   MDL:   15   ug/L   4   ug/L   3   ug/L   4   ug/L   Molybdenum   Manganese   MDL:   15   ug/L   4   ug/L   3   ug/L   4   ug/L   Months   Inf.   Eff.   Inf.   In									
MDL: 15 ug/L 4 ug/L 3 ug/L 4 ug/L 1ft. Eff. Inf. Inf. Eff. Inf. Inf. Inf. Inf. Inf. Inf. Inf. I									
MDL:         15         ug/L         4         ug/L         3         ug/L         4         ug/L           Months         Inf.         Eff.         Inf.         Eff.         Inf.         Eff.         Inf.         Eff.           JANUARY -2002         456         458         ND         ND         10         5         121         130           FEBRUARY -2002         527         448         ND         ND         9         8         123         134           MARCH -2002         457         405         NR         NR         NR         NR         NR         NR         141         152           APRIL -2002         528         482         4         <4		Boron		Cobalt		Molvbdenum		Manganese	
JANUARY -2002 456 458 ND ND 10 5 121 130 FEBRUARY -2002 527 448 ND ND ND 9 8 123 134 MARCH -2002 457 405 NR NR NR NR NR 141 152 APRIL -2002 528 482 4 <4 9 5 128 138 MAY -2002 541 537 ND ND ND 5 5 185 181 JUNE -2002 509 368 ND ND ND 17 6 172 169 JULY -2002 466 313 <4 ND ND 16 3 160 183 AUGUST -2002 515 507 ND ND ND 16 3 160 183 AUGUST -2002 547 504 NR NR NR NR NR NR 155 178 OCTOBER -2002 423 427 <4 <4 9 7 7 129 150 NOVEMBER -2002 472 457 ND ND ND ND NR NR NR 134 146 DECEMBER -2002 484 451 NR NR NR NR NR NR 134 146	MDL:	15	ug/L	4	ug/L		ug/L	4	ug/L
JANUARY -2002         456         458         ND         ND         10         5         121         130           FEBRUARY -2002         527         448         ND         ND         9         8         123         134           MARCH -2002         457         405         NR         NR         NR         NR         NR         141         152           APRIL -2002         528         482         4         <4	Months	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
FEBRUARY -2002         527         448         ND         ND         9         8         123         134           MARCH -2002         457         405         NR         NR         NR         NR         NR         141         152           APRIL -2002         528         482         4         <4									
MARCH         -2002         457         405         NR         NR         NR         NR         NR         141         152           APRIL         -2002         528         482         4         <4									
APRIL -2002 528 482 4 <4 9 5 128 138 MAY -2002 541 537 ND ND ND 5 5 185 181 JUNE -2002 509 368 ND ND 17 6 172 169 JULY -2002 466 313 <4 ND 16 3 160 183 AUGUST -2002 515 507 ND ND ND 11 10 178 179 SEPTEMBER-2002 547 504 NR NR NR NR NR NR 155 178 OCTOBER -2002 423 427 <4 <4 9 7 7 129 150 NOVEMBER -2002 472 457 ND ND ND ND NR NR NR 134 146 DECEMBER -2002 484 451 NR NR NR NR NR NR 150 150 PECEMBER -2002 484 451 NR NR NR NR NR NR 150 150 PECEMBER -2002 484 451 NR NR NR NR NR NR 150 150 PECEMBER -2002 484 451 NR NR NR NR NR NR 150 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR 150 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR NR NR NR NR NR NR NR NR 150 PECEMBER -2002 484 451 NR									
MAY -2002 541 537 ND ND 5 5 185 181  JUNE -2002 509 368 ND ND 17 6 172 169  JULY -2002 466 313 <4 ND 16 3 160 183  AUGUST -2002 515 507 ND ND 11 10 178 179  SEPTEMBER-2002 547 504 NR NR NR NR NR 155 178  OCTOBER -2002 423 427 <4 <4 9 7 129 150  NOVEMBER -2002 472 457 ND ND ND NR NR NR 134 146  DECEMBER -2002 484 451 NR NR NR NR NR 150 162									
JUNE         -2002         509         368         ND         ND         17         6         172         169           JULY         -2002         466         313         <4         ND         16         3         160         183           AUGUST         -2002         515         507         ND         ND         ND         11         10         178         179           SEPTEMBER-2002         547         504         NR         NR         NR         NR         NR         155         178           OCTOBER         -2002         423         427         <4         <4         9         7         129         150           NOVEMBER         -2002         472         457         ND         ND         NR         NR         NR         134         146           DECEMBER         -2002         484         451         NR         NR         NR         NR         150         162				_	_	-			
JULY         -2002         466         313         <4         ND         16         3         160         183           AUGUST         -2002         515         507         ND         ND         11         10         178         179           SEPTEMBER-2002         547         504         NR         NR         NR         NR         155         178           OCTOBER         -2002         423         427         <4									
AUGUST -2002 515 507 ND ND 11 10 178 179 SEPTEMBER-2002 547 504 NR NR NR NR NR 155 178 OCTOBER -2002 423 427 <4 <4 9 7 129 150 NOVEMBER -2002 472 457 ND ND ND NR NR 134 146 DECEMBER -2002 484 451 NR NR NR NR NR 150 162 SEE SEE SEE SEE SEE SEE SEE SEE SEE SE							-		
SEPTEMBER-2002         547         504         NR         NR         NR         NR         155         178           OCTOBER -2002         423         427         <4									
OCTOBER         -2002         423         427         <4         <4         9         7         129         150           NOVEMBER         -2002         472         457         ND         ND         NR         NR         NR         134         146           DECEMBER         -2002         484         451         NR         NR         NR         NR         150         162									
NOVEMBER -2002         472         457         ND         ND         NR         NR         134         146           DECEMBER -2002         484         451         NR         NR         NR         NR         150         162									
		472	457	ND	ND	NR	NR	134	146

ND=not detected; NS=not sampled; NA=not analyzed; NR=not required Samples are 24 hour composites

# POINT LOMA WASTEWATER TREATMENT PLANT From 01-JAN-2002 To 31-DEC-2002

SAMPLED BY: NL,JC,GR,MS,MC ANALYZED BY: HD,JC,MC,GR,GS,JW,FM

		Magnesium		Fluor	Fluoride		tho phate	Soluble BOD	
	MDL:	.02	mg/L	.03	mg/L	.05	mg/L	2	mg/L
Months		Inf.	Eff.	Inf.	Eff.	Inf.	Eff.	Inf.	Eff.
=======	=====	========	========	========	========		========	========	========
JANUARY	-2002	51	49	0.72	0.78	6.65	1.20	86	58
FEBRUARY	-2002	51	50	0.59	0.63	6.37	1.35	91	67
MARCH	-2002	54	53	0.82	0.96	6.07	1.30	94	63
APRIL	-2002	53	51	0.58	0.60	6.43	0.65	88	59
MAY	-2002	57	54	0.80	0.96	5.28	1.07	81	56
JUNE	-2002	59	57	0.86	0.89	5.77	0.96	79	48
JULY	-2002	60	59	0.79	0.66	5.47	1.74	81	49
AUGUST	-2002	57	55	0.91	0.84	6.14	2.30	80	49
SEPTEMBE	R-2002	58	55	1.10	0.78	6.31	1.63	82	59
OCTOBER	-2002	53	51	0.74	0.77	4.36	0.98	87	67
NOVEMBER	-2002	51	49	0.78	0.79	4.90	1.20	92	73
DECEMBER	-2002	60	59	0.77	0.78	3.09	ND	87	62
=======	=====	========	========	========	========	========	========	========	========
Average:		55	54	0.79	0.79	5.57	1.20	86	59

MDL:	Barium 10	ug/L	Vanadium 7	ug/L
Months	Inf.	Eff.	Inf.	Eff.
			========	
JANUARY -2002	121	34	ND	ND
FEBRUARY -2002	109	37	ND	ND
MARCH -2002	116	37	NR	NR
APRIL -2002	121	37	ND	ND
MAY -2002	123	37	ND	ND
JUNE -2002	115	35	<7	ND
JULY -2002	126	41	ND	ND
AUGUST -2002	113	36	<7	ND
SEPTEMBER-2002	105	36	NR	NR
OCTOBER -2002	105	34	<7	<7
NOVEMBER -2002	116	37	NR	NR
DECEMBER -2002	106	37	NR	NR
=========	========	========	========	========
Average:	115	37	0	0

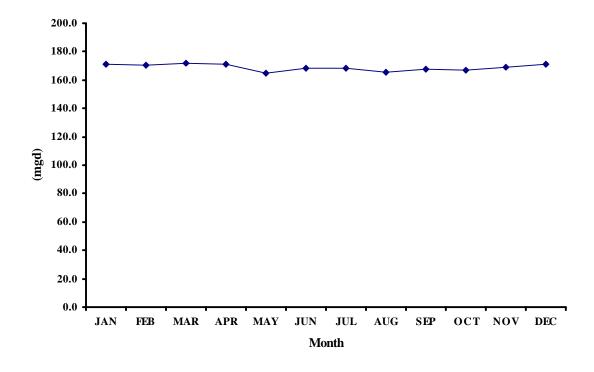
ND=not detected; NS=not sampled; NA=not analyzed; NR=not required Samples are 24 hour composites

### B. Influent and Effluent Graphs.

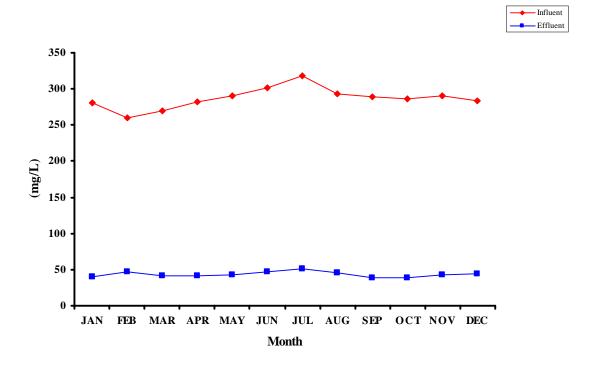
Graphs of monthly averages for permit parameters with measurable concentration averages.

Where possible, the influent and effluent values of a given parameter have been included on the same graph so that removals and other relationships are readily apparent. Please note that many of the graphs are on expanded scales. That is, they normally don't go to zero concentrations but show, in magnified scale, that range of concentrations where variation takes place. This makes differences and some trends obvious that might normally not be noticed. However, it also provides the temptation to interpret minor changes or trends as being of more significance than they are. Frequent reference to the scales and the actual differences in concentrations is therefore necessary.

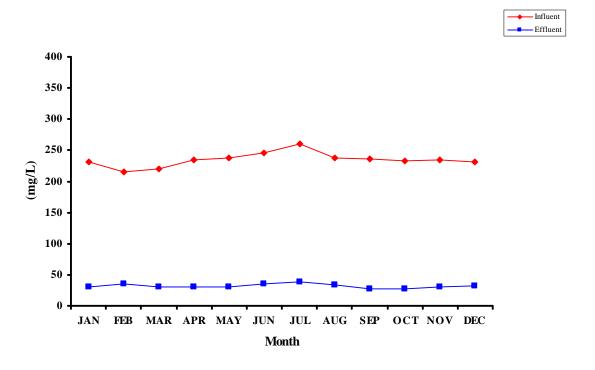
Flows (mgd) 2002 Monthly Averages



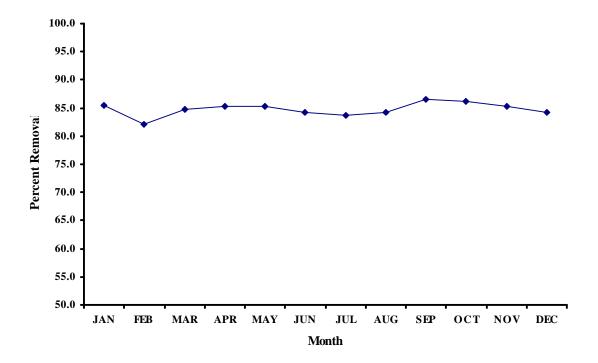
## Total Suspended Solids (mg/L) 2002 Monthly Averages



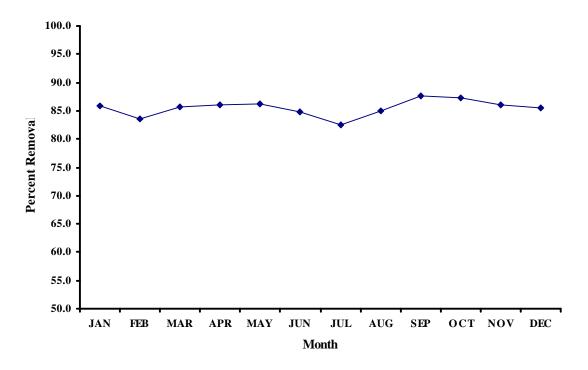
## Volatile Suspended Solids (mg/L) 2002 Monthly Averages



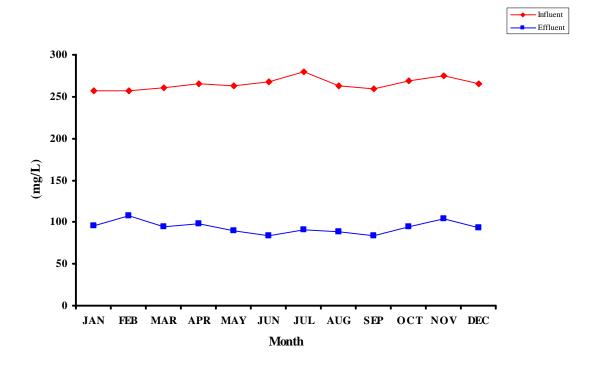
## Total Suspended Solids (%) Removal 2002 Monthly Averages at Point Loma



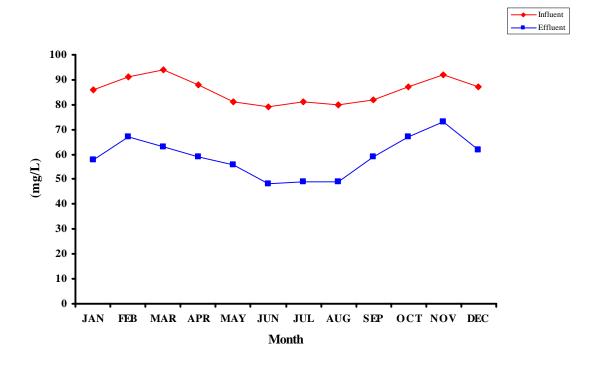
Total Suspended Solids (%) Removal 2002 Monthly Averages Systemwide



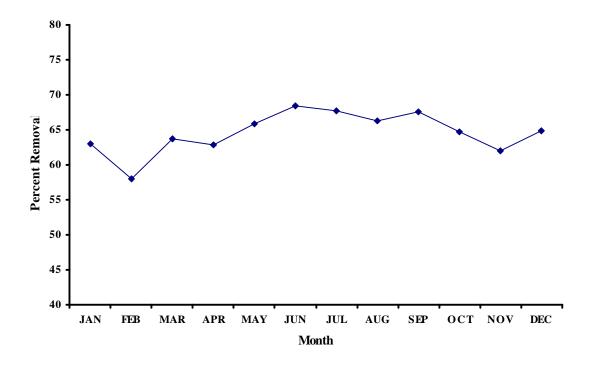
## **Biochemical Oxygen Demand** 2002 Monthly Averages



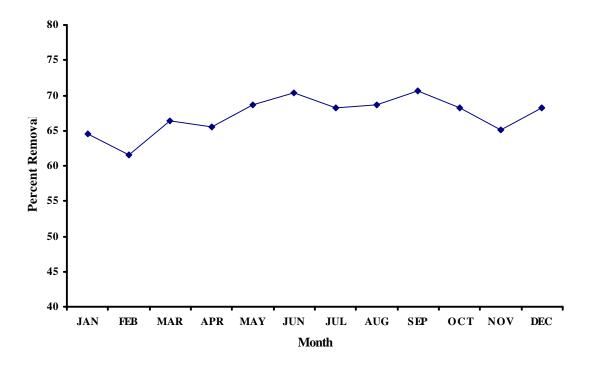
## **Soluble Biochemical Oxygen Demand** 2002 Monthly Averages



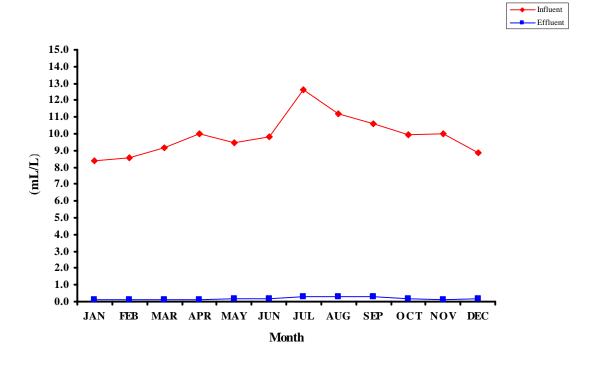
# Biochemical Oxygen Demand (%) Removal 2002 Monthly Averages at Point Loma



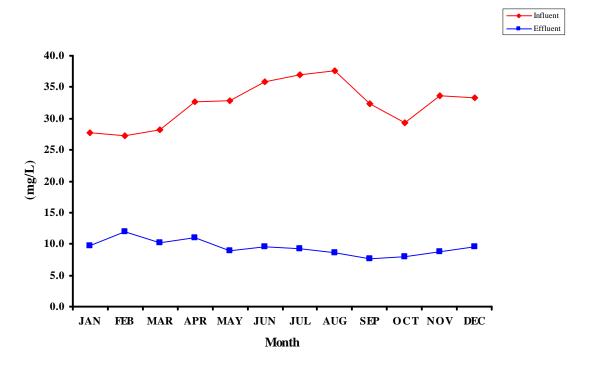
Biochemical Oxygen Demand (%) Removal 2002 Monthly Averages Systemwide



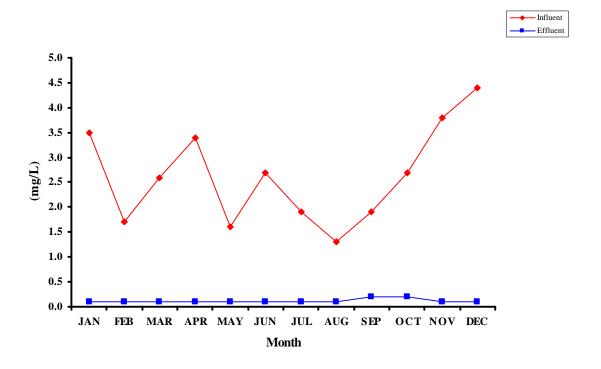
## Settleable Solids (mL/L) 2002 Monthly Averages



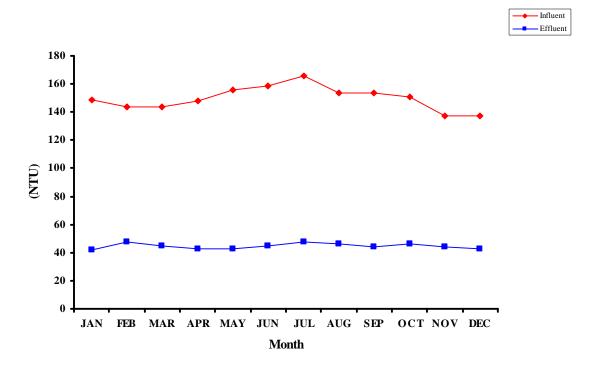
Oil and Grease (mg/L) 2002 Monthly Averages



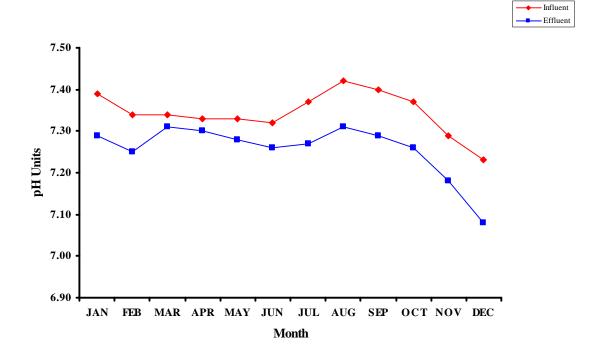
## Floatables (mg/L) 2002 Monthly Averages



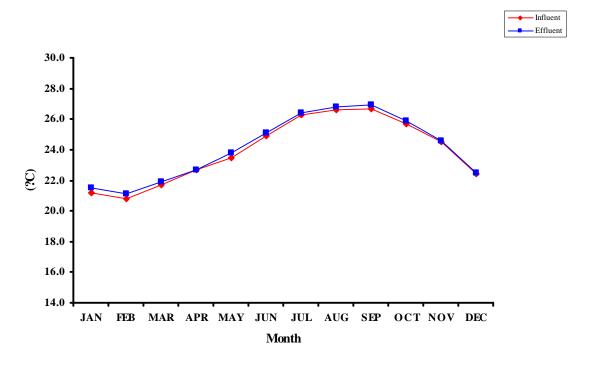
**Turbidity (NTU)** 2002 Monthly Averages



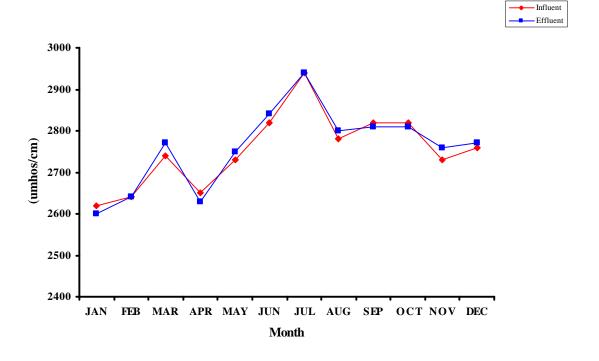
pН 2002 Monthly Averages



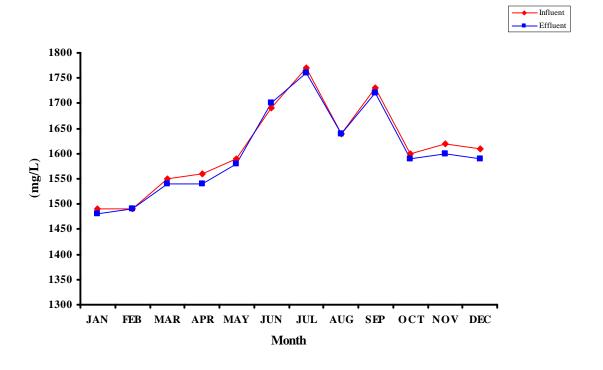
 $\textbf{Temperature} \ (^{?}\textbf{C})$ 2002 Monthly Averages



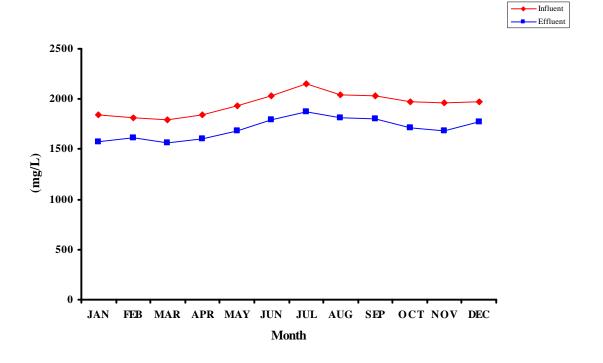
#### **Conductivity (umhos/cm)** 2002 Monthly Averages



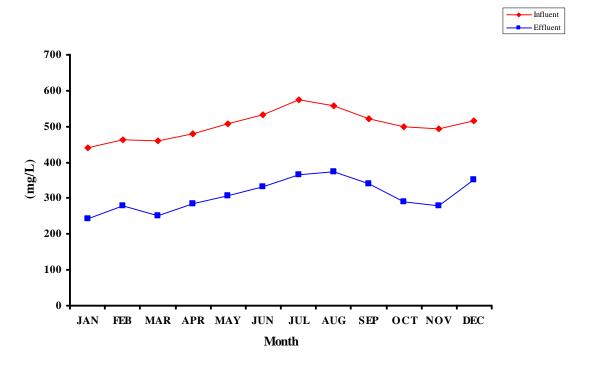
Total Dissolved Solids (mg/L) 2002 Monthly Averages



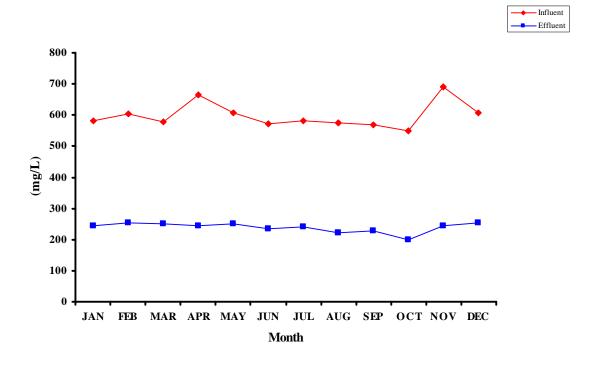
#### Total Solids (mg/L) 2002 Monthly Averages



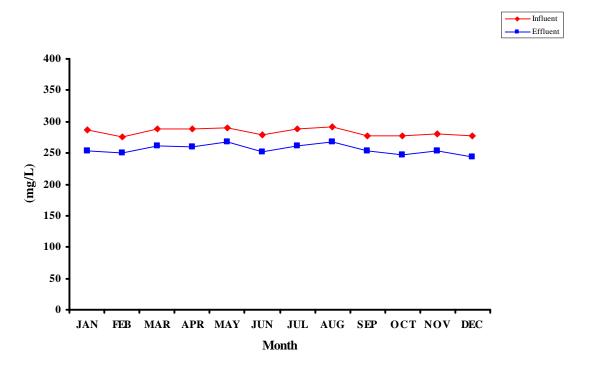
Total Volatile Solids (mg/L) 2002 Monthly Averages

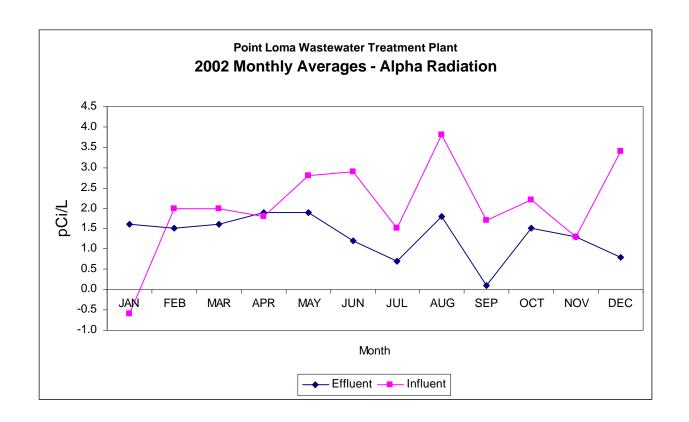


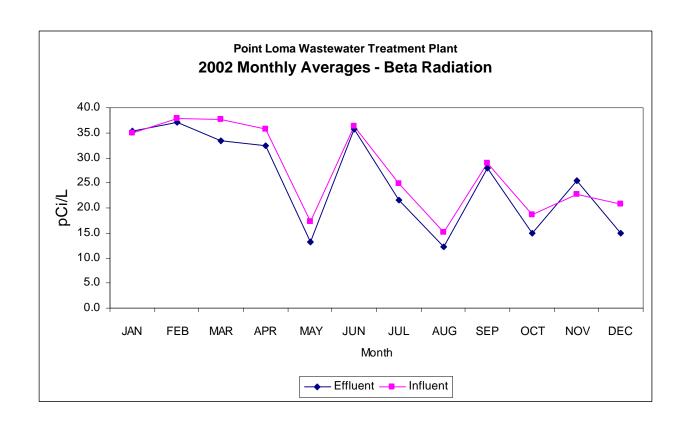
#### Chemical Oxygen Demand (mg/L) 2002 Monthly Averages

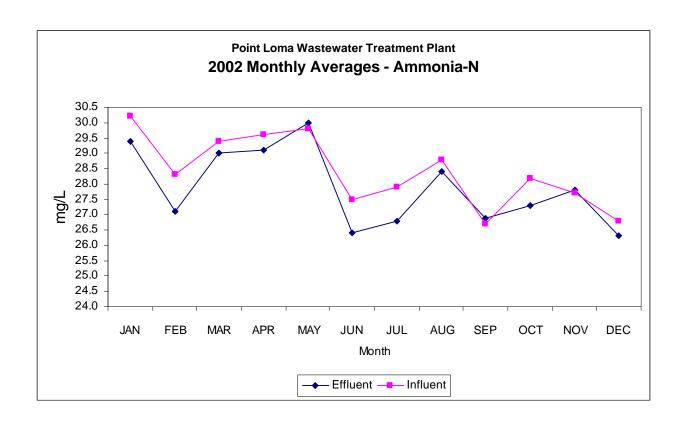


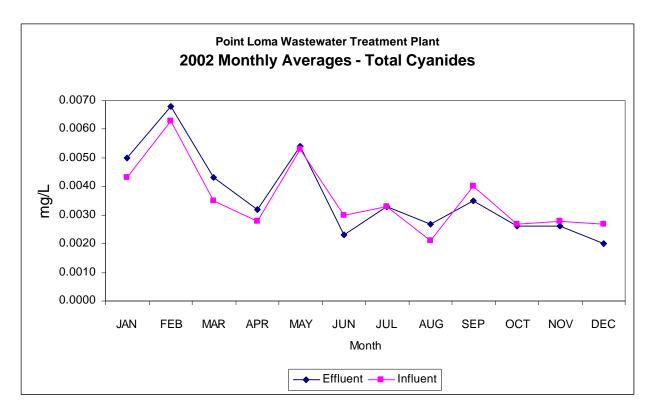
Alkalinity (mg/L) 2002 Monthly Averages



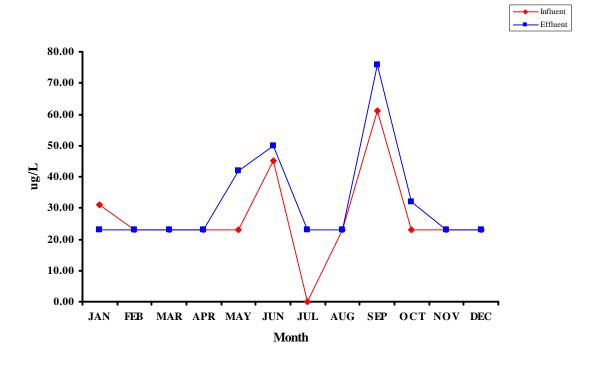




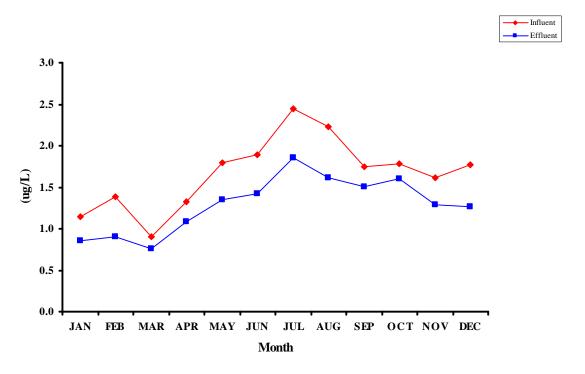




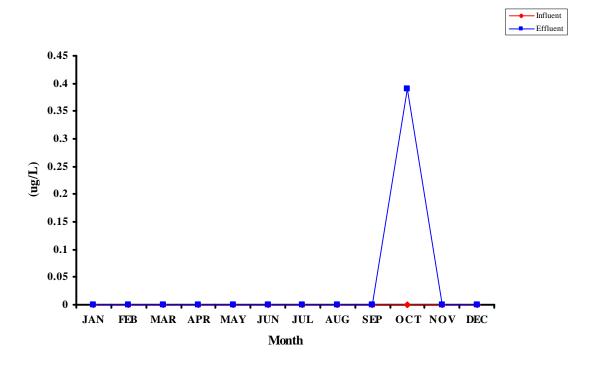
**Antimony** 2002 Monthly Averages



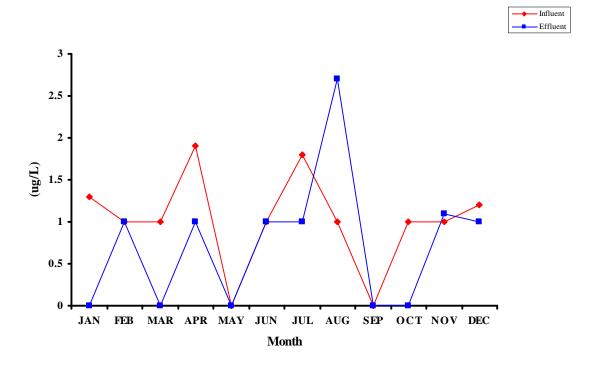
Arsenic 2002 Monthly Averages



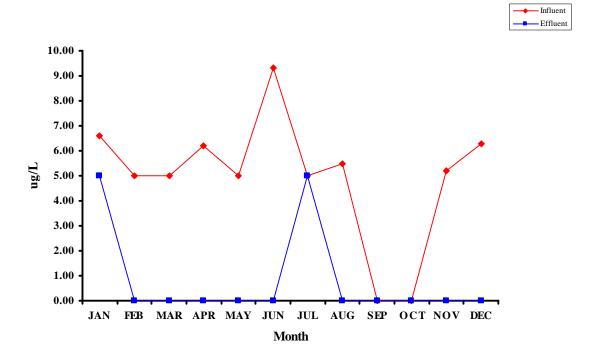
#### Beryllium 2002 Monthly Averages



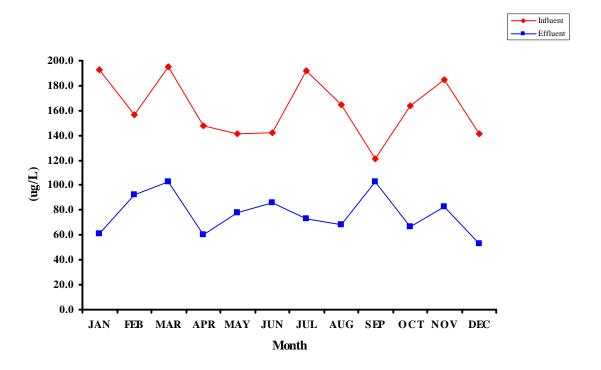
Cadmium 2002 Monthly Averages



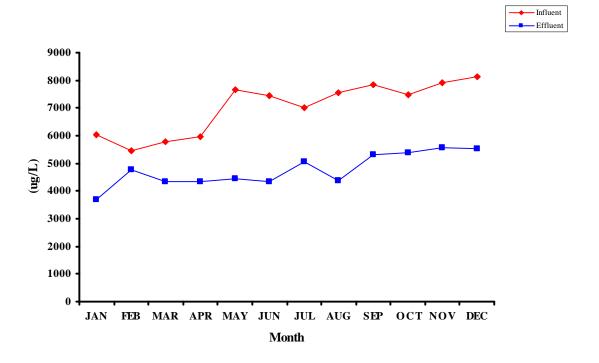
Chromium 2002 Monthly Averages



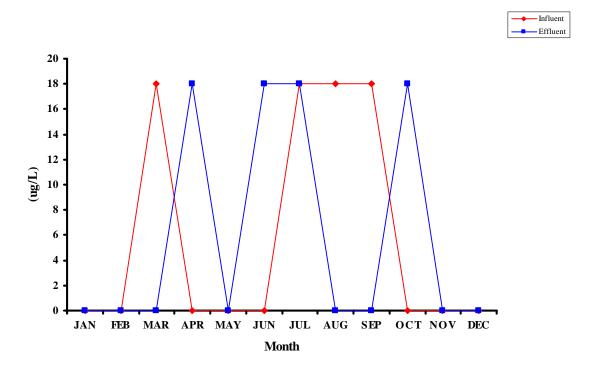
Copper 2002 Monthly Averages



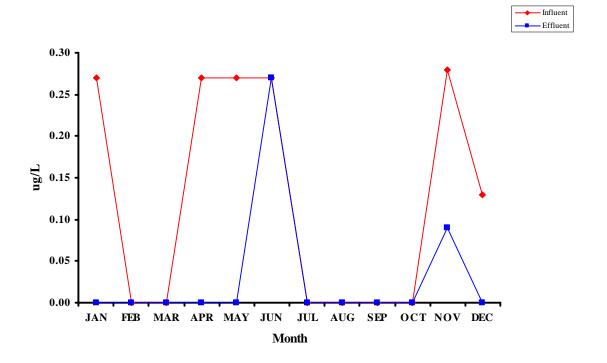
Iron 2002 Monthly Averages



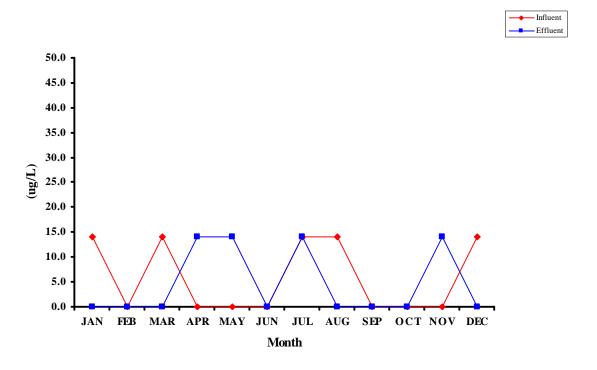
Lead 2002 Monthly Averages



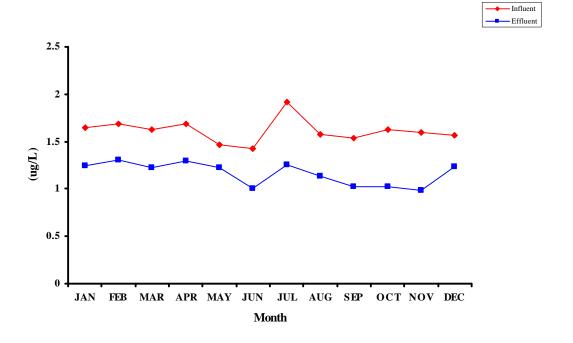
#### Chromium 2002 Monthly Averages



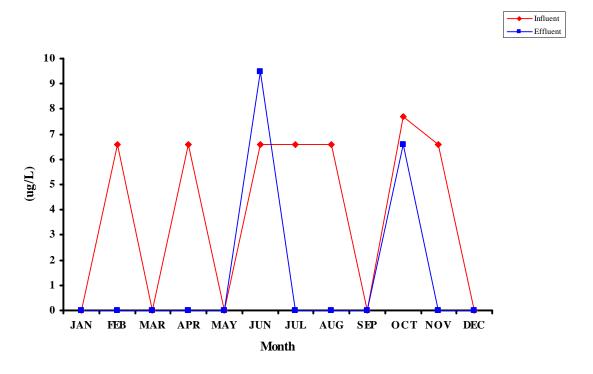
Nickel 2002 Monthly Averages



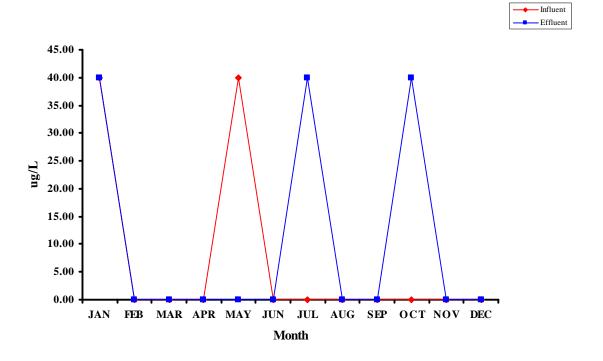
#### Selenium 2002 Monthly Averages



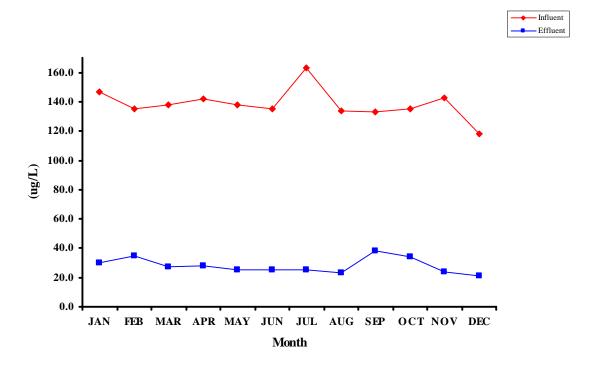
Silver 2002 Monthly Averages



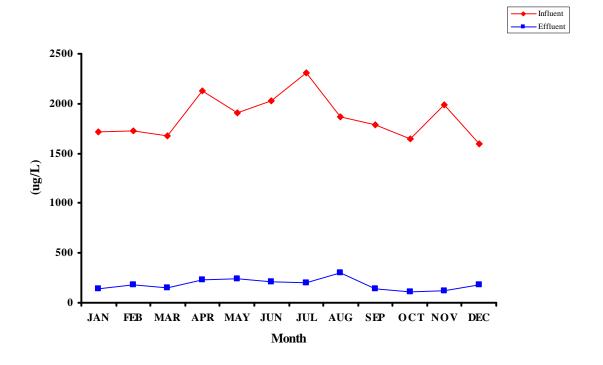
**Thallium** 2002 Monthly Averages



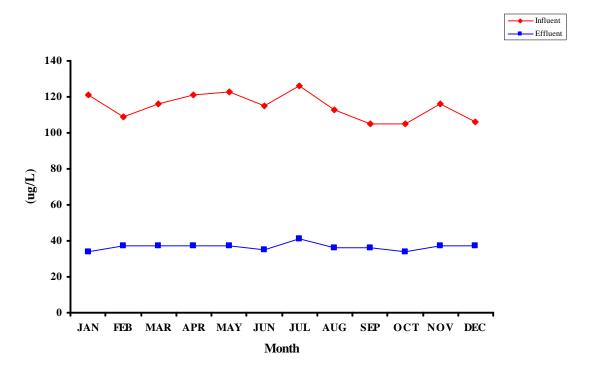
**Zinc** 2002 Monthly Averages



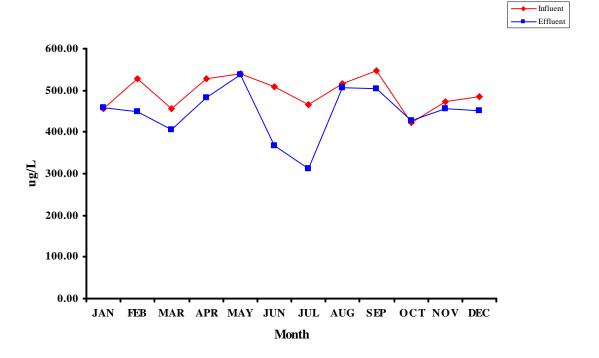
#### Aluminum 2002 Monthly Averages



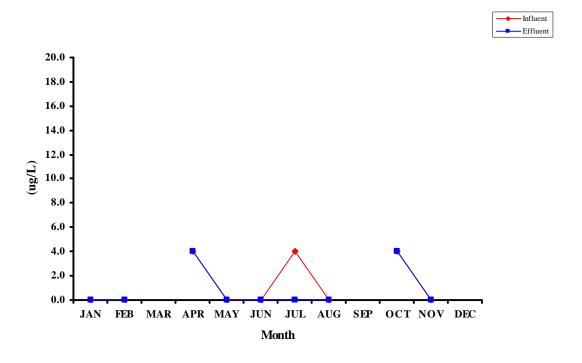
**Barium** 2002 Monthly Averages



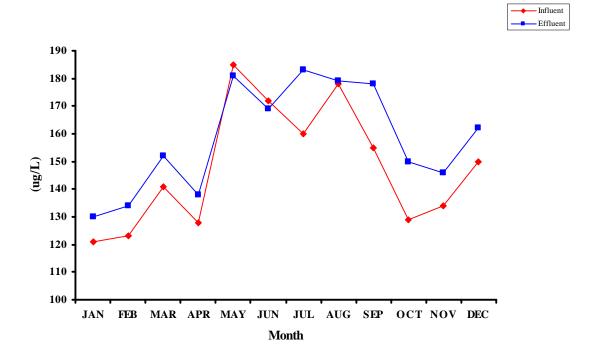
**Boron** 2002 Monthly Averages



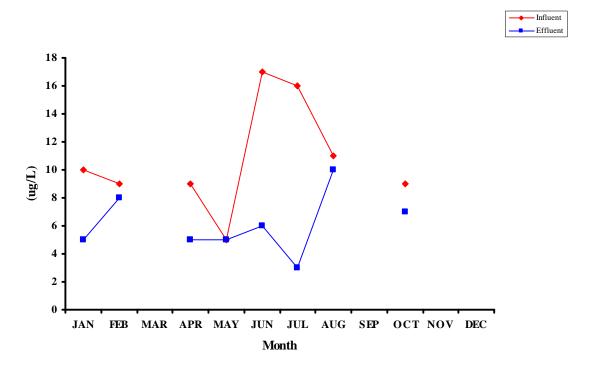
Colbalt 2002 Monthly Averages



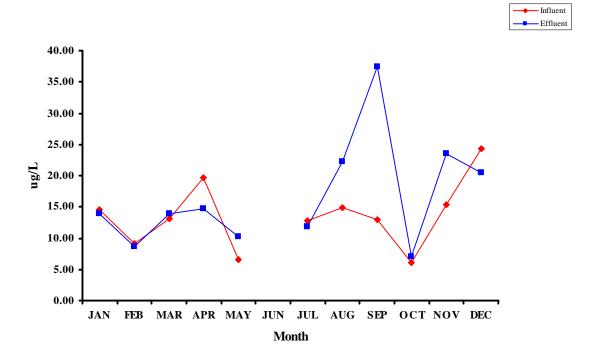
Manganese 2002 Monthly Averages



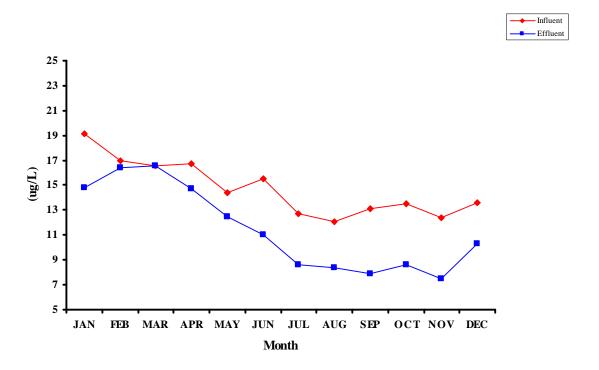
Molybdeum 2002 Monthly Averages



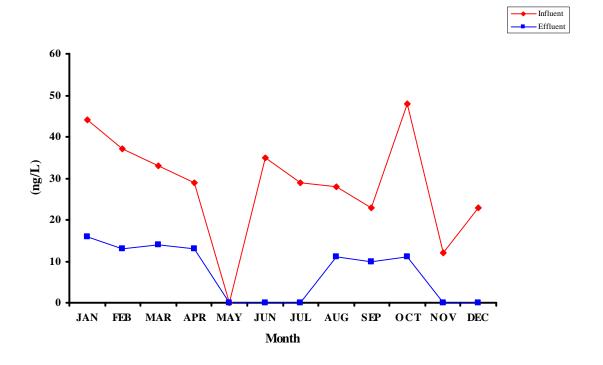
#### **Purgeables** 2002 Monthly Averages



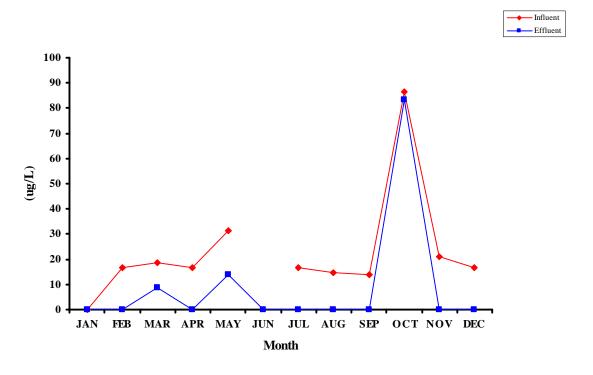
**Phenols** 2002 Monthly Averages



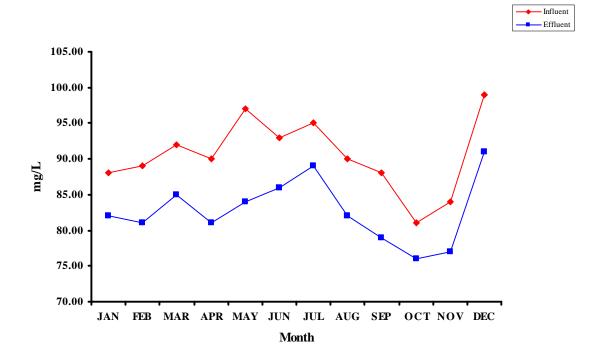
#### **Total Chlorinated Hydrocarbons** 2002 Monthly Averages



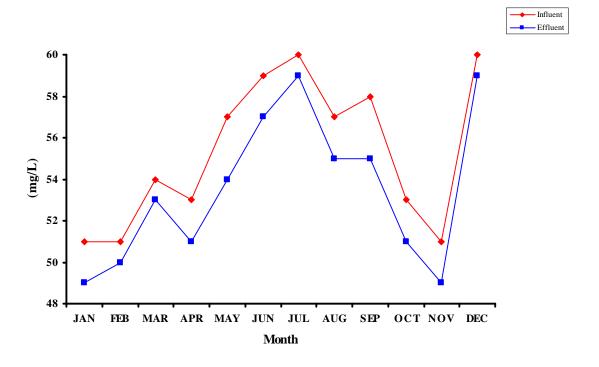
**Base Neutrals** 2002 Monthly Averages



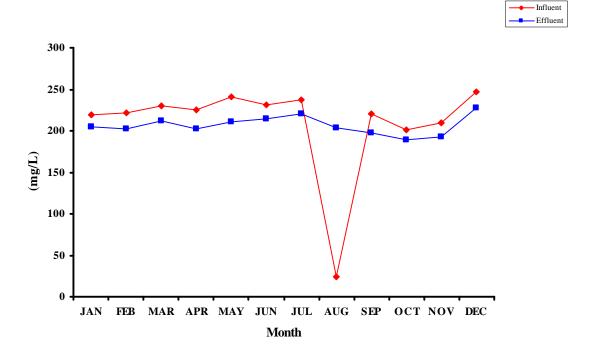
Calcium 2002 Monthly Averages



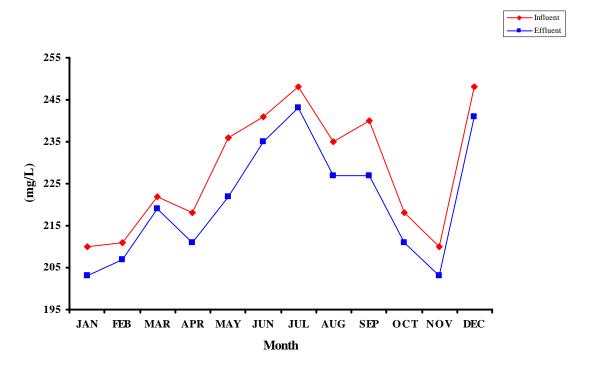
Magnesium 2002 Monthly Averages



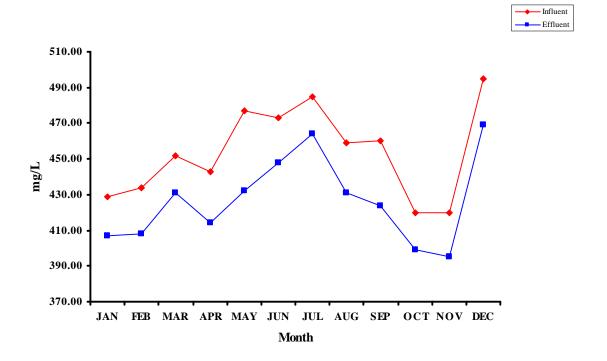
#### Calcium Hardness 2002 Monthly Averages



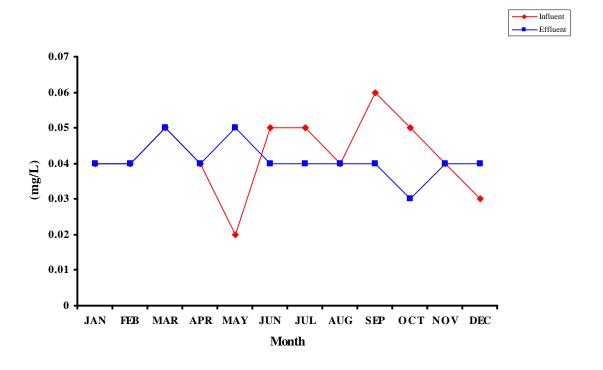
#### Magnesium Hardness 2002 Monthly Averages



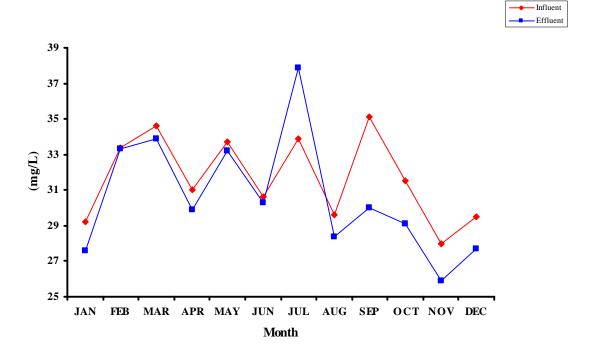
**Total Hardness** 2002 Monthly Averages



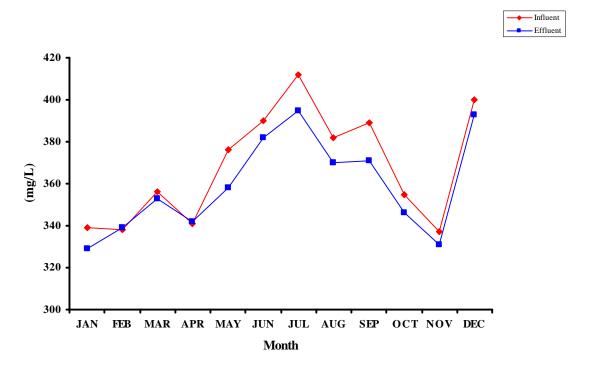
Lithium 2002 Monthly Averages



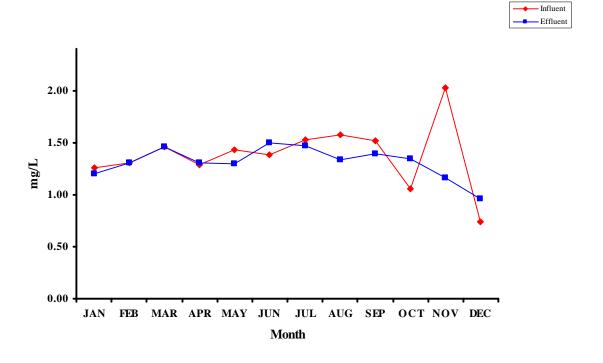
**Potassium** 2002 Monthly Averages



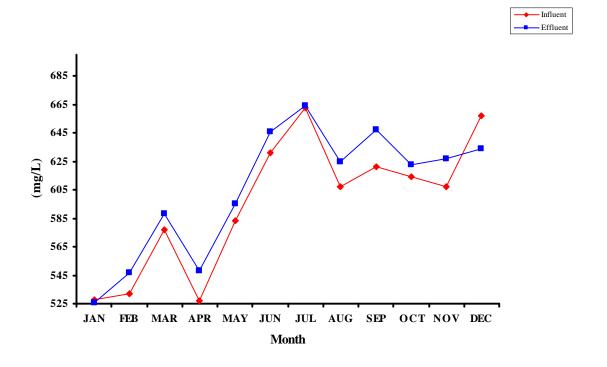
Sodium 2002 Monthly Averages



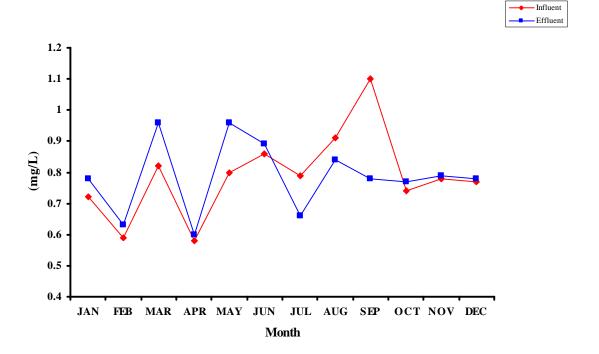
**Bromide** 2002 Monthly Averages



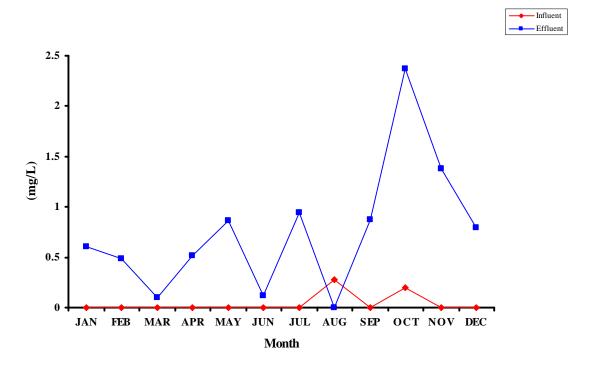
Chloride 2002 Monthly Averages



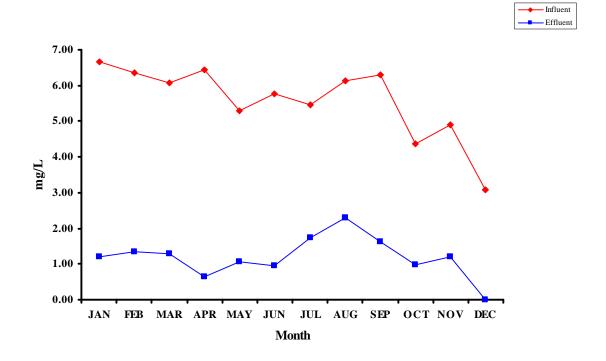
Fluoride 2002 Monthly Averages



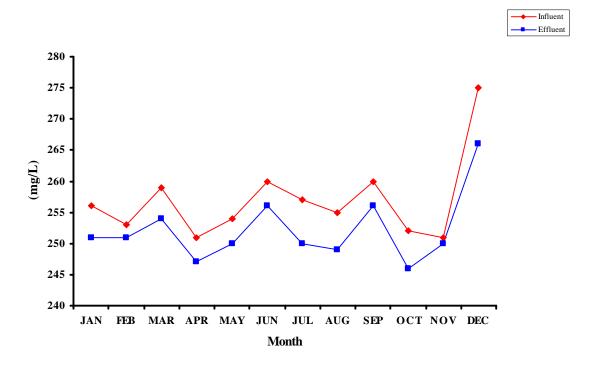
**Nitrate** 2002 Monthly Averages



**O-Phosphate** 2002 Monthly Averages



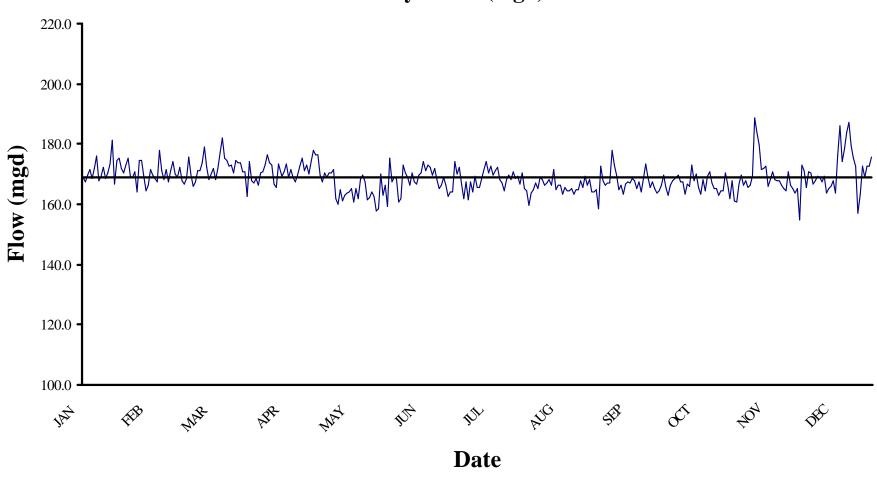
Chloride 2002 Monthly Averages



C. Daily Values of Selected Parameters.

Daily values of selected parameters (e.g. TSS, Flow, TSS Removals, etc.) are tabulated and presented graphically; statistical summary information is provided.

### Point Loma Wastewater Treatment Plant 2002 Daily Flows (mgd)

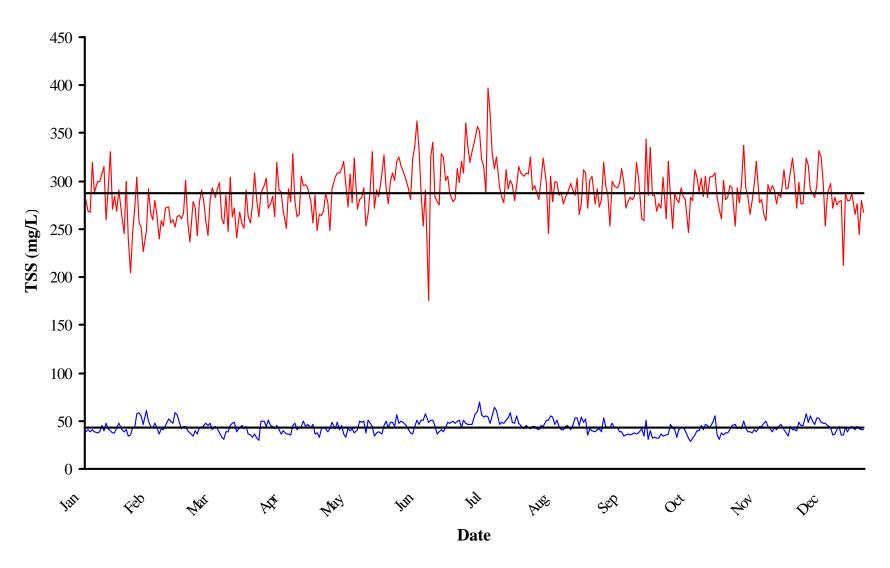


#### **Point Loma Wastewater Treatment Plant**

**2002 Flows (mgd)** 

Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1	160.1	171.8	166.6	167.0	167.4	167.6	172.4	159.5	158.5	165.6	160.8	171.3	
2	166.7	170.4	168.7	168.5	170.3	169.1	166.7	163.7	172.6	162.8	166.8	165.5	
3	170.2	173.1	175.5	166.4	169.0	168.4	161.9	164.9	167.8	166.3	169.6	170.7	
4	177.8	175.4	169.8	170.5	170.5	160.8	167.6	167.2	166.5	167.9	166.5	170.5	
5	169.4	169.4	166.1	170.7	170.4	161.9	161.6	165.4	167.2	168.8	168.0	166.8	
6	171.5	169.0	167.5	172.9	171.5	172.9	167.6	169.0	167.2	169.6	165.7	167.8	
7	172.9	170.7	171.3	176.5	161.8	170.3	164.2	168.2	178.1	167.5	166.5	169.3	
8	168.2	164.1	171.1	173.7	160.1	168.8	169.2	166.4	173.2	167.4	169.4	168.9	
9	168.7	174.7	173.7	173.0	164.9	166.5	165.5	167.0	169.6	163.4	188.6	167.4	
10	172.4	174.4	179.1	166.8	161.1	170.4	165.7	168.1	164.9	166.8	183.9	169.3	
11	167.0	169.3	172.5	165.7	163.2	167.4	168.8	166.3	166.3	166.1	179.9	163.6	
12	172.9	164.6	168.1	173.3	163.6	166.7	171.4	171.5	163.3	173.0	171.6	165.1	
13	171.1	166.3	170.2	169.4	164.0	169.7	174.2	164.9	166.7	167.7	171.8	166.1	
14	176.6	171.6	172.0	170.7	165.3	170.3	170.5	166.3	167.6	170.2	172.8	167.8	
15	168.9	169.7	168.3	173.4	160.9	174.1	172.6	166.4	166.9	165.7	166.0	163.7	
16	167.6	168.5	172.0	168.9	165.4	171.2	169.7	163.3	168.5	163.4	168.1	176.3	
17	169.7	167.6	177.1	171.4	161.8	172.9	171.3	165.6	167.8	168.3	170.7	186.2	
18	171.5	177.8	181.9	169.1	168.2	172.4	172.4	164.4	165.3	164.4	168.3	174.1	
19	168.5	171.0	175.3	167.4	169.6	169.8	168.1	164.5	167.4	169.2	167.8	178.4	
20	171.9	168.4	174.5	169.7	167.3	172.0	167.2	165.2	164.0	170.9	167.7	183.9	
21	176.2	171.5	172.8	172.8	161.5	168.2	164.6	163.2	168.6	167.2	166.2	187.2	
22	168.0	167.5	173.2	175.4	162.3	165.1	168.2	164.7	173.3	165.3	165.1	179.4	
23	169.3	171.3	170.3	171.2	164.3	166.4	169.7	164.8	168.8	165.2	164.6	175.2	
24	172.2	174.0	174.7	173.1	162.8	169.1	168.1	167.8	165.5	163.0	170.8	172.5	
25	168.6	170.1	173.8	169.9	157.7	166.4	170.7	165.4	167.4	164.6	166.4	157.0	
26	170.6	168.8	173.7	174.3	158.5	162.7	168.6	169.3	165.3	164.7	165.1	163.4	
27	173.4	172.2	170.8	177.9	170.0	164.2	169.4	166.3	163.6	170.6	163.6	172.5	
28	181.4	167.7	170.7	176.2	162.9	164.2	166.8	168.2	164.5	166.9	165.0	169.0	
29	166.9		162.5	176.5	166.3	174.3	170.5	164.2	166.4	161.8	154.9	172.5	
30	174.7		174.1	169.7	159.4	170.2	165.4	164.2	169.6	167.9	173.0	172.7	Annual
31	175.2		167.8		175.4		164.4	165.0		161.2		175.5	Summary
Average	171.0	170.4	171.8	171.4	165.1	168.5	168.2	165.8	167.4	166.6	168.8	171.3	168.8
Minimum	160.1	164.1	162.5	165.7	157.7	160.8	161.6	159.5	158.5	161.2	154.9	157.0	154.9
Maximum	181.4	177.8	181.9	177.9	175.4	174.3	174.2	171.5	178.1	173.0	188.6	187.2	188.6
Total	5300.0	4770.5	5325.7	5142.0	5117.0	5053.9	5215.0	5140.5	5022.4	5163.3	5065.0	5309.4	61624.6

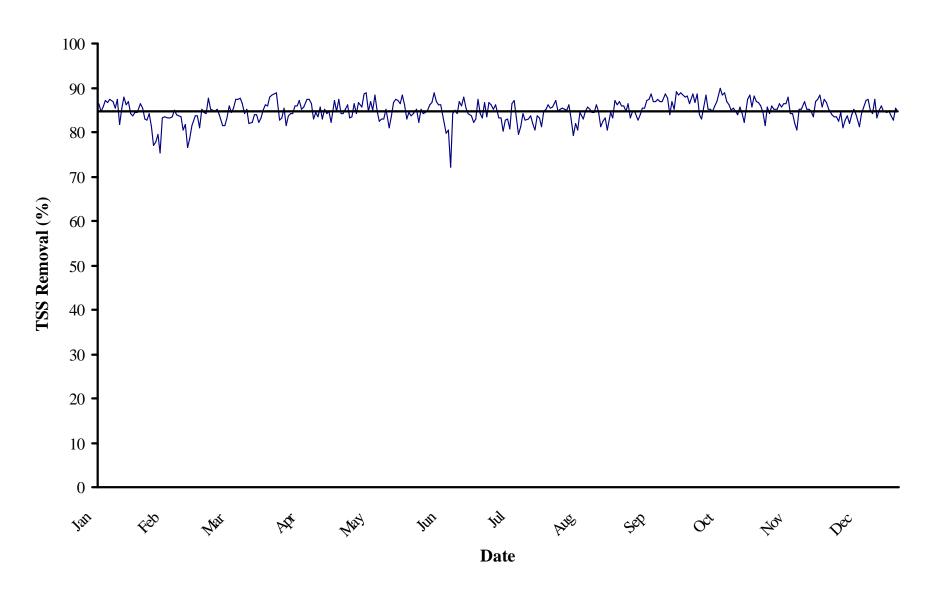
### Point Loma Wastewater Treatment Plant 2002 Total Suspended Solids



### Point Loma Wastewater Treatment Plant 2002 Total Suspended Solids (mg/L)

	Jar	1	Fel	b	Ma	r	Apı		May	1	Jui	1	Jul		Au	g	Sep	)	Oc	t	No	V	Dec	;
Day	Inf	Eff																						
1	260.0	39.8	245.0	38.2	301.0	44.4	309.0	36.2	264.0	41.5	300.0	48.5	313.0	49.3	309.0	45.1	276.0	38.7	272.0	36.7	295.0	41.3	272.0	40.2
2	271.0	35.6	300.0	40.5	257.0	40.2	280.0	31.6	269.0	42.9	309.0	48.7	299.0	50.4	307.0	43.6	292.0	41.3	304.0	34.4	293.0	45.6	299.0	48.2
3	272.0	39.6	239.0	34.7	237.0	37.4	263.0	29.3	287.0	42.4	301.0	44.7	321.0	42.9	325.0	41.8	273.0	41.8	261.0	34.9	253.0	46.9	276.0	45.8
4	292.0	42.7	205.0	34.9	279.0	34.2	287.0	49.3	277.0	38.4	321.0	56.9	309.0	50.9	291.0	44.6	281.0	38.4	321.0	36.7	293.0	42.2	276.0	45.5
5	284.0	45.4	247.0	42.7	272.0	40.2	295.0	49.6	249.0	41.6	325.0	48.0	360.0	48.0	295.0	43.8	320.0	53.6	285.0	46.0	277.0	43.6	324.0	57.1
6	276.0	43.1	272.0	42.7	243.0	36.7	303.0	44.2	292.0	48.2	316.0	50.0	336.0	46.7	287.0	41.8	295.0	44.7	251.0	42.9	296.0	41.5	316.0	48.9
7	253.0	35.6	304.0	57.3	277.0	42.7	272.0	50.7	304.0	41.8	311.0	48.4	319.0	46.9	281.0	41.3	285.0	43.5	288.0	41.1	337.0	50.2	291.0	55.6
8	287.0	41.6	257.0	58.9	291.0	43.1	276.0	45.1	309.0	48.7	301.0	45.1	331.0	46.0	301.0	45.6	253.0	43.5	281.0	32.7	293.0	43.1	287.0	49.3
9	291.0	42.7	252.0	55.8	280.0	44.9	284.0	44.7	308.0	41.1	292.0	40.4	345.0	58.0	324.0	44.7	300.0	48.0	277.0	40.7	284.0	38.2	283.0	46.0
10	285.0	32.2	227.0	46.2	259.0	47.8	263.0	41.8	313.0	44.9	281.0	37.5	357.0	60.2	297.0	50.9	295.0	42.7	293.0	43.5	265.0	38.2	295.0	53.1
11	272.0	40.7	248.0	60.9	243.0	44.9	319.0	44.9	321.0	36.7	323.0	36.2	352.0	69.3	245.0	50.9	293.0	42.9	284.0	43.5	280.0	37.8	332.0	53.1
12	269.0	41.4	292.0	49.3	280.0	47.3	291.0	40.7	297.0	32.9	336.0	44.2	323.0	56.2	305.0	55.1	297.0	38.4	281.0	39.3	296.0	40.7	325.0	48.2
13	240.0	43.5	267.0	44.2	293.0	41.1	289.0	36.9	273.0	42.0	363.0	50.5	315.0	53.8	279.0	54.2	313.0	39.1	247.0	32.5	321.0	39.1	299.0	47.8
14	261.0	37.1	260.0	43.6	283.0	43.8	269.0	40.0	307.0	40.0	333.0	46.2	288.0	55.3	300.0	46.7	299.0	33.8	283.0	28.4	277.0	43.8	253.0	47.5
15	281.0	38.6	280.0	47.3	292.0	42.4	251.0	36.2	277.0	41.5	287.0	51.1	397.0	54.4	299.0	50.9	272.0	35.3	280.0	32.2	281.0	44.4	287.0	45.1
16	269.0	40.9	264.0	43.6	299.0	37.8	292.0	36.5	324.0	38.0	253.0	51.3	372.0	47.6	285.0	43.8	279.0	36.4	312.0	35.1	265.0	48.0	297.0	42.7
17	268.0	38.2	240.0	36.0	261.0	32.9	279.0	35.1	271.0	41.1	291.0	57.1	329.0	55.1	289.0	40.9	283.0	35.3	304.0	40.0	259.0	50.2	272.0	35.1
18	320.0	41.1	259.0	41.6	255.0	31.3	328.0	44.9	281.0	49.3	176.0	48.9	313.0	63.8	276.0	40.9	281.0	36.4	289.0	40.2	296.0	44.0	283.0	36.0
19	289.0	38.4	253.0	41.1	285.0	38.7	280.0	47.8	283.0	48.5	325.0	50.9	325.0	60.7	283.0	44.2	284.0	37.1	303.0	45.4	289.0	42.4	275.0	41.3
20	300.0	37.8	272.0	45.1	248.0	38.9	263.0	41.1	293.0	50.2	340.0	51.3	293.0	46.4	288.0	44.9	320.0	36.2	284.0	41.1	295.0	38.9	279.0	43.8
21	300.0	38.9	273.0	52.0	304.0	45.1	265.0	43.6	253.0	37.1	284.0	44.9	283.0	48.9	297.0	41.3	303.0	37.3	305.0	46.6	291.0	43.1	280.0	35.3
22	307.0	44.9	257.0	49.8	263.0	47.5	305.0	43.8	267.0	50.7	279.0	36.9	277.0	47.5	291.0	44.9	261.0	41.8	283.0	45.6	276.0	40.7	212.0	35.3
23	315.0	40.0	260.0	47.3	272.0	48.2	295.0	50.2	292.0	48.0	275.0	38.4	312.0	51.1	285.0	53.6	259.0	33.8	304.0	43.6	287.0	44.0	288.0	43.6
24	260.0	47.3	252.0	59.1	241.0	38.5	296.0	44.0	331.0	44.0	328.0	41.3	292.0	52.9	303.0	52.9	344.0	50.5	305.0	48.2	283.0	46.7	280.0	39.1
25	292.0	42.4	263.0	56.4	268.0	42.9	293.0	46.2	272.0	34.4	325.0	39.1	301.0	59.1	265.0	44.9	285.0	31.1	308.0	55.1	312.0	40.9	280.0	43.1
26	331.0	39.8	264.0	49.1	255.0	45.1	279.0	43.1	291.0	37.3	301.0	43.6	296.0	48.2	276.0	54.0	335.0	39.3	283.0	35.8	292.0	37.1	288.0	44.5
27	271.0	37.8	261.0	42.4	251.0	42.2	257.0	46.0	284.0	38.7	305.0	48.5	280.0	47.3	312.0	48.4	285.0	31.8	271.0	31.3	293.0	34.2	265.0	40.5
28	284.0	37.5	267.0	43.8	291.0	43.8	285.0	36.5	307.0	36.0	288.0	47.1	295.0	55.3	309.0	52.0	285.0	33.1	261.0	37.4	309.0	43.8	276.0	44.7
29	269.0	42.7			263.0	36.5	249.0	38.0	327.0	45.3	279.0	50.0	315.0	47.8	272.0	35.1	269.0	32.2	301.0	35.8	324.0	41.3	244.0	42.2
30	291.0	47.3			256.0	35.8	265.0	33.4	293.0	50.2	281.0	48.0	309.0	45.6	301.0	41.6	276.0	32.5	281.0	37.1	304.0	40.4	280.0	40.9
31	263.0	40.7			275.0	32.9			276.0	43.1			305.0	42.0	305.0	40.2			283.0	37.5			268.0	41.1
Avg	281.4	40.5	260.0	46.6	270.1	40.9	282.7	41.7	290.1	42.5	301.0	46.5	318.1	51.9	293.0	46.0	289.8	39.0	286.6	39.4	290.5	42.4	283.3	44.5
Min	240.0	32.2	205.0	34.7	237.0	31.3	249.0	29.3	249.0	32.9	176.0	36.2	277.0	42.0	245.0	35.1	253.0	31.1	247.0	28.4	253.0	34.2	212.0	35.1
Max	331.0	47.3	304.0	60.9	304.0	48.2	328.0	50.7	331.0	50.7	363.0	57.1	397.0	69.3	325.0	55.1	344.0	53.6	321.0	55.1	337.0	50.2	332.0	57.1

### Point Loma Wastewater Treatment Plant 2002 TSS Removal (%) at Point Loma



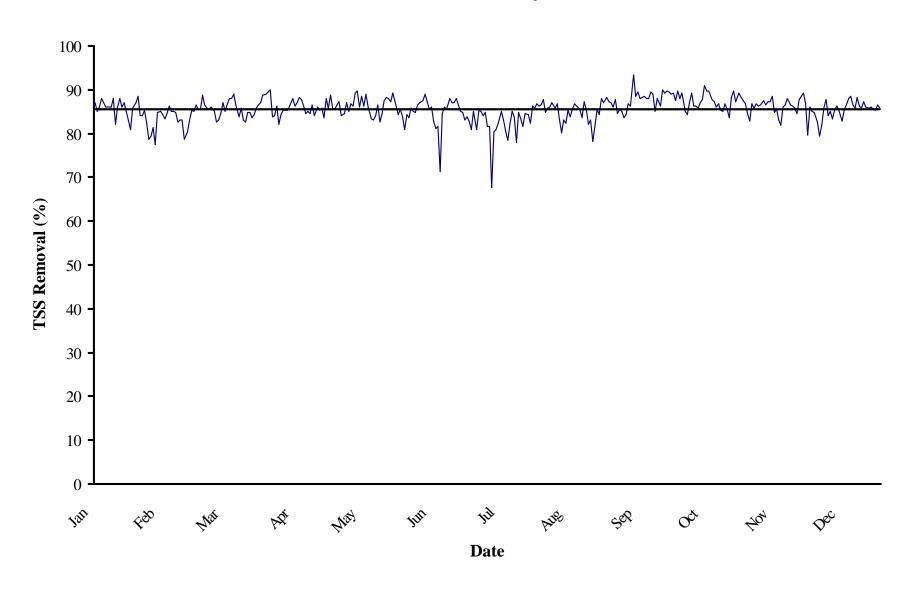
Point Loma Wastewater Treatment Plant

2002 Total Suspended Solids Removals (%) at Point Loma

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	84.7	84.4	85.2	88.3	84.3	83.8	84.2	85.4	86.0	86.5	86.0	85.2
2	86.9	86.5	84.4	88.7	84.1	84.2	83.1	85.8	85.9	88.7	84.4	83.9
3	85.4	85.5	84.2	88.9	85.2	85.1	86.6	87.1	84.7	86.6	81.5	83.4
4	85.4	83.0	87.7	82.8	86.1	82.3	83.5	84.7	86.3	88.6	85.6	83.5
5	84.0	82.7	85.2	83.2	83.3	85.2	86.7	85.2	83.3	83.9	84.3	82.4
6	84.4	84.3	84.9	85.4	83.5	84.2	86.1	85.4	84.8	82.9	86.0	84.5
7	85.9	81.2	84.6	81.4	86.3	84.4	85.3	85.3	84.7	85.7	85.1	80.9
8	85.5	77.1	85.2	83.7	84.2	85.0	86.1	84.9	82.8	88.4	85.3	82.8
9	85.3	77.9	84.0	84.3	86.7	86.2	83.2	86.2	84.0	85.3	86.5	83.7
10	88.7	79.6	81.5	84.1	85.7	86.7	83.1	82.9	85.5	85.2	85.6	82.0
11	85.0	75.4	81.5	85.9	88.6	88.8	80.3	79.2	85.4	84.7	86.5	84.0
12	84.6	83.1	83.1	86.0	88.9	86.8	82.6	81.9	87.1	86.0	86.3	85.2
13	81.9	83.4	86.0	87.2	84.6	86.1	82.9	80.6	87.5	86.8	87.8	84.0
14	85.8	83.2	84.5	85.1	87.0	86.1	80.8	84.4	88.7	90.0	84.2	81.2
15	86.3	83.1	85.5	85.6	85.0	82.2	86.3	83.0	87.0	88.5	84.2	84.3
16	84.8	83.5	87.4	87.5	88.3	79.7	87.2	84.6	87.0	88.8	81.9	85.6
17	85.7	85.0	87.4	87.4	84.8	80.4	83.3	85.8	87.5	86.8	80.6	87.1
18	87.2	83.9	87.7	86.3	82.5	72.2	79.6	85.2	87.0	86.1	85.1	87.3
19	86.7	83.8	86.4	82.9	82.9	84.3	81.3	84.4	86.9	85.0	85.3	85.0
20	87.4	83.4	84.3	84.4	82.9	84.9	84.2	84.4	88.7	85.5	86.8	84.3
21	87.0	80.6	85.2	83.5	85.3	84.2	82.7	86.1	87.7	84.7	85.2	87.4
22	85.4	81.8	81.9	85.6	81.0	86.8	82.9	84.6	84.0	83.9	85.3	83.3
23	87.3	76.5	82.3	83.0	83.6	86.0	83.6	81.2	86.9	85.7	84.7	84.9
24	81.8	78.6	84.0	85.1	86.7	88.0	81.9	82.5	85.3	84.2	83.5	86.0
25	85.5	81.4	84.0	84.2	87.4	85.5	80.4	83.1	89.1	82.1	86.9	84.6
26	88.0	83.8	82.3	84.6	87.2	84.1	83.7	80.4	88.3	87.3	87.3	84.5
27	86.1	83.6	83.2	82.1	86.4	83.6	83.1	84.5	88.8	88.5	88.3	84.7
28	86.8	81.0	84.9	87.2	88.3	82.1	81.3	83.2	88.4	85.7	85.8	83.8
29	84.1		86.1	84.7	86.1	82.9	84.8	87.1	88.0	88.1	87.3	82.7
30	83.7		86.0	87.4	82.9	87.4	85.2	86.2	88.2	86.8	86.7	85.4
31	84.5		88.0		84.4		86.2	86.8		86.7		84.7
	85.5	82.0	84.8	85.2	85.3	84.3	83.6	84.3	86.5	86.2	85.3	84.3
	81.8	75.4	81.5	81.4	81.0	72.2	79.6	79.2	82.8	82.1	80.6	80.9
	88.7	86.5	88.0	88.9	88.9	88.8	87.2	87.1	89.1	90.0	88.3	87.4

Avg Min Max

## Point Loma Wastewater Treatment Plant 2002 TSS Removal (%) Systemwide

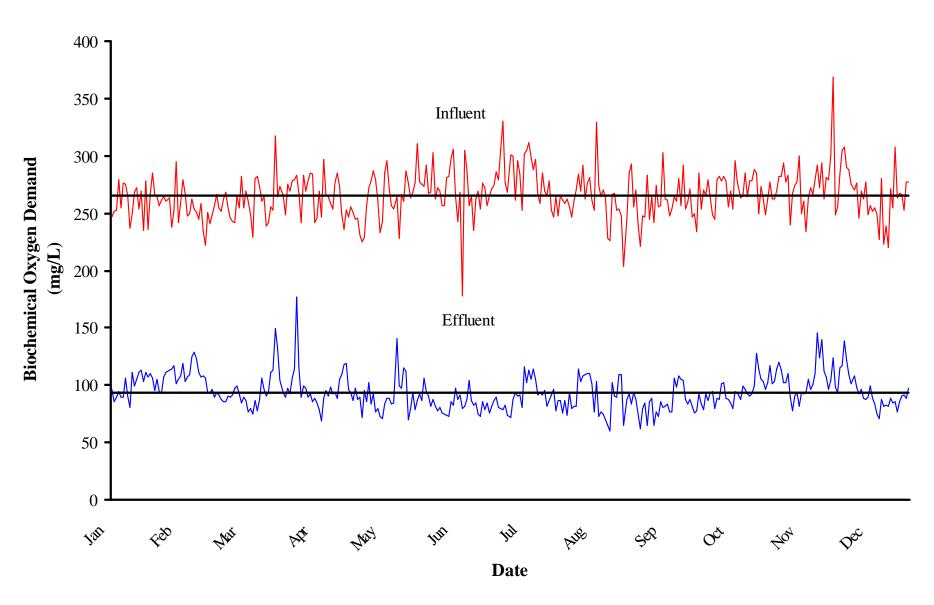


Point Loma Wastewater Treatment Plant 2002 Total Suspended Solids Removals (%) Systemwide

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	85.7	85.8	86.5	88.9	85.7	83.8	82.9	86.4	87.3	87.5	86.8	85.1
2	87.7	87.0	85.6	89.5	85.5	81.0	81.0	86.4	87.0	89.7	84.6	84.8
3	85.9	88.5	85.6	89.9	86.5	84.3	85.0	87.7	86.0	87.9	82.8	82.7
4	86.0	84.0	88.6	83.9	87.3	83.7	80.9	84.7	87.8	89.2	86.7	79.5
5	85.0	84.0	86.4	84.0	84.2	85.8	85.4	85.9	84.5	85.2	85.7	81.9
6	85.0	85.2	85.8	86.2	84.6	85.1	85.1	86.1	85.6	84.4	86.8	85.8
7	87.0	82.4	85.5	82.2	87.0	84.9	84.0	87.0	85.1	87.1	86.2	87.7
8	86.0	78.7	86.1	84.2	85.1	86.4	84.7	85.8	83.5	89.2	86.5	84.1
9	86.0	79.4	85.0	85.2	86.8	87.0	81.6	86.7	84.3	86.3	87.4	85.1
10	89.0	81.3	82.7	85.2	86.3	87.4	81.6	83.4	86.7	86.3	86.5	83.3
11	86.0	77.5	83.0	85.4	89.1	89.0	67.7	80.0	86.2	85.7	87.4	85.2
12	85.0	84.8	84.5	86.3	89.7	87.2	80.4	83.1	93.3	87.1	87.2	86.4
13	83.0	85.0	87.0	88.0	86.1	85.6	81.0	82.5	88.5	87.8	88.5	85.2
14	87.0	84.4	85.1	86.3	88.4	86.0	82.3	85.2	89.3	91.0	84.9	82.7
15	87.0	83.3	86.8	86.9	86.3	82.8	85.1	83.7	88.1	89.7	85.4	85.6
16	85.0	84.5	88.0	88.3	89.0	81.1	83.1	85.5	88.2	89.6	83.0	86.5
17	86.0	86.2	88.0	87.7	86.1	81.6	80.3	86.7	88.5	87.8	81.9	88.0
18	88.0	85.0	88.9	86.3	83.3	71.4	78.5	86.3	88.1	87.2	86.1	88.4
19	87.0	85.1	86.5	84.6	83.1	84.7	82.2	85.5	88.0	86.2	86.5	86.4
20	86.0	84.9	83.8	85.1	84.0	85.9	85.0	83.7	89.4	86.8	87.9	85.9
21	86.0	82.5	85.7	84.5	86.5	85.4	83.8	87.2	88.9	85.3	86.5	88.3
22	86.0	83.1	83.1	86.4	82.7	87.9	77.9	85.6	85.1	85.1	86.3	86.2
23	88.0	83.1	82.7	84.1	84.7	87.0	84.7	82.1	88.1	86.8	85.8	85.8
24	82.0	78.6	84.9	86.0	87.5	87.0	83.4	83.0	86.4	85.6	84.5	87.4
25	86.0	80.4	84.8	85.4	88.3	88.0	81.6	78.3	90.0	83.7	87.8	86.0
26	88.0	83.1	83.6	85.8	88.1	86.5	84.5	81.6	89.3	88.3	88.4	85.8
27	86.0	85.2	84.3	83.5	87.2	85.0	84.2	85.5	89.7	89.6	89.2	86.0
28	87.0	85.1	85.8	88.0	89.1	84.8	82.4	84.2	89.4	87.3	86.8	85.5
29	85.0		86.5	85.8	87.3	83.2	86.2	87.9	89.0	89.2	79.5	85.4
30	83.0		86.9	88.8	84.2	83.9	85.7	87.1	89.2	88.3	86.1	86.6
31	81.0		88.7		85.5		86.8	88.2		87.5		85.8
	85.9	83.5	85.7	86.1	86.3	84.8	82.5	84.9	87.7	87.4	86.0	85.5
	81.0	77.5	82.7	82.2	82.7	71.4	67.7	78.3	83.5	83.7	79.5	79.5
	89.0	88.5	88.9	89.9	89.7	89.0	86.8	88.2	93.3	91.0	89.2	88.4

Avg Min Max

# Point Loma Wastewater Treatment Plant 2002 Biochemical Oxygen Demand

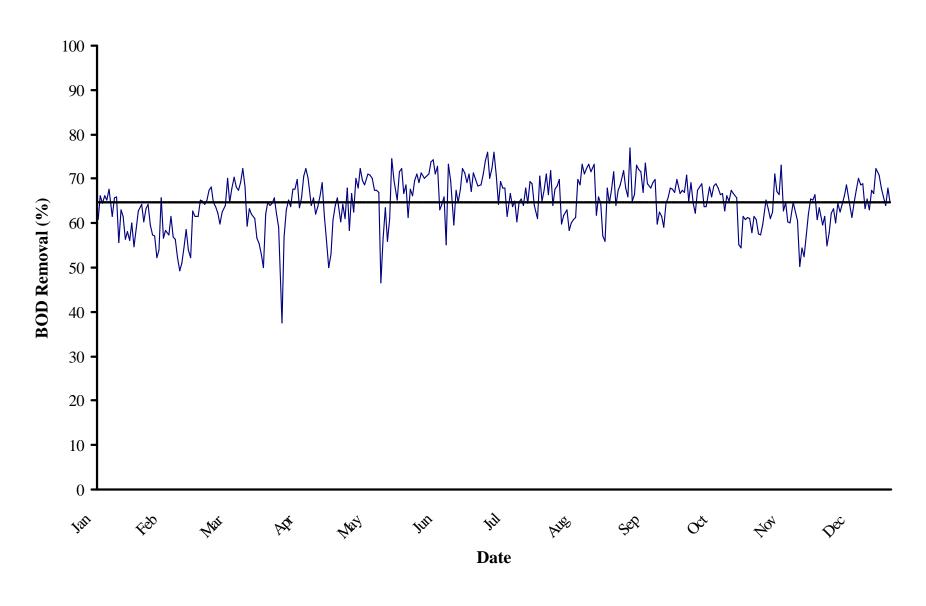


Point Loma Wastewater Treatment Plant **2002 Biochemical Oxygen Demand (mg/L)** 

	Jan	1	Fel	,	Ma	r	Apı	ŗ	Ma	y	Jur	ì	Jul		Aug	g	Sep	)	Oc	t	Nov	V	Dec	c
Day	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	245.0	90.1	267.0	110.0	257.0	89.7	249.0	89.8	251.0	86.2	273.0	106.0	271.0	81.6	261.0	75.2	256.0	93.2	254.0	83.9	262.0	101.0	284.0	115.0
2	277.0	92.6	285.0	106.0	266.0	93.1	275.0	97.5	245.0	97.2	292.0	94.5	274.0	86.4	258.0	86.7	270.0	87.8	270.0	78.6	262.0	103.0	305.0	117.0
3	260.0	88.4	266.0	95.4	255.0	91.1	269.0	91.9	246.0	87.7	267.0	90.4	286.0	89.9	262.0	74.2	240.0	75.1	265.0	92.7	269.0	114.0	308.0	139.0
4	282.0	86.6	264.0	105.0	252.0	87.8	278.0	106.0	231.0	89.9	268.0	81.4	279.0	81.0	256.0	93.2	221.0	62.3	279.0	86.5	282.0	120.0	290.0	122.0
5	215.0	82.8	257.0	94.2	262.0	85.2	279.0	114.0	225.0	71.9	303.0	87.7	306.0	79.2	247.0	80.0	248.0	79.8	263.0	93.3	282.0	113.0	288.0	109.0
6	255.0	90.8	261.0	93.5	268.0	85.5	283.0	177.0	229.0	95.6	262.0	81.3	330.0	78.9	260.0	81.9	247.0	84.2	249.0	94.1	294.0	102.0	275.0	101.0
7	270.0	87.8	264.0	107.0	255.0	90.2	267.0	115.0	257.0	85.5	272.0	78.0	276.0	82.4	270.0	81.6	283.0	65.1	245.0	79.6	277.0	102.0	270.0	108.0
8	268.0	85.8	260.0	111.0	246.0	89.3	242.0	89.4	272.0	102.0	269.0	80.7	268.0	74.0	284.0	114.0	245.0	85.9	279.0	88.6	283.0	110.0	276.0	98.0
9	260.0	88.3	263.0	113.0	243.0	91.8	283.0	98.9	278.0	83.2	257.0	75.6	301.0	72.0	269.0	103.0	264.0	88.9	282.0	87.9	240.0	89.8	246.0	92.4
10	257.0	94.9	238.0	114.0	242.0	97.5	269.0	97.4	287.0	92.2	257.0	74.5	300.0	87.2	292.0	108.0	242.0	65.3	278.0	101.0	267.0	77.3	269.0	96.1
11	233.0	82.0	253.0	117.0	265.0	99.6	278.0	89.9	279.0	76.9	281.0	73.8	261.0	93.3	262.0	109.0	274.0	76.6	282.0	102.0	274.0	90.1	262.0	88.6
12	245.0	89.8	295.0	101.0	255.0	92.0	285.0	92.2	261.0	79.7	282.0	72.5	296.0	90.7	276.0	110.0	256.0	72.9	278.0	88.8	277.0	93.2	277.0	87.1
13	252.0	105.0	242.0	105.0	282.0	84.6	284.0	85.4	233.0	72.9	298.0	85.8	284.0	91.1	281.0	110.0	257.0	85.3	256.0	87.4	300.0	81.1	249.0	89.6
14	251.0	99.1	259.0	108.0	255.0	89.7	242.0	88.1	243.0	70.3	306.0	82.9	253.0	80.9	261.0	101.0	303.0	80.2	269.0	84.7	250.0	93.2	257.0	99.7
15	247.0	96.8	279.0	119.0	269.0	86.0	246.0	84.1	285.0	83.1	264.0	97.6	302.0	116.0	253.0	76.2	262.0	81.5	254.0	79.2	260.0	92.0	252.0	88.7
16	252.0	85.5	267.0	103.0	260.0	77.0	269.0	79.0	296.0	88.6	243.0	87.0	305.0	102.0	329.0	103.0	261.0	83.7	296.0	94.6	234.0	93.0	255.0	83.4
17	253.0	89.7	248.0	107.0	249.0	79.2	247.0	68.5	272.0	88.5	268.0	91.4	312.0	113.0	274.0	73.2	248.0	76.4	277.0	93.3	263.0	105.0	249.0	74.6
18	279.0	94.7	250.0	109.0	229.0	74.7	297.0	88.8	257.0	83.7	178.0	79.7	299.0	105.0	264.0	76.6	254.0	76.6	263.0	87.9	272.0	96.0	227.0	71.0
19	255.0	89.1	262.0	125.0	280.0	86.8	265.0	95.4	254.0	84.1	305.0	81.6	288.0	114.0	270.0	75.1	264.0	106.0	265.0	98.8	266.0	100.0	280.0	87.4
20	276.0	89.1	254.0	129.0	282.0	78.1	264.0	90.6	264.0	141.0	288.0	87.2	297.0	105.0	263.0	70.1	260.0	97.8	285.0	96.5	279.0	110.0	223.0	81.8
21	275.0	106.0	251.0	123.0	273.0	87.1	258.0	98.1	228.0	99.2	257.0	104.0	266.0	91.7	228.0	65.0	280.0	108.0	264.0	92.4	292.0	145.0	239.0	82.6
22	265.0	90.8	245.0	111.0	260.0	106.0	254.0	92.1	266.0	97.3	265.0	86.3	258.0	92.9	226.0	60.4	257.0	105.0	278.0	90.4	272.0	124.0	220.0	81.7
23	237.0	80.6	258.0	107.0	264.0	96.8	277.0	93.5	260.0	115.0	235.0	82.7	285.0	91.3	266.0	102.0	292.0	104.0	278.0	92.8	294.0	140.0	271.0	88.3
24	250.0	111.0	234.0	108.0	239.0	90.6	285.0	88.0	287.0	112.0	262.0	84.8	269.0	95.5	267.0	90.8	254.0	87.3	288.0	99.2	262.0	112.0	255.0	84.9
25	268.0	99.1	222.0	106.0	242.0	94.3	273.0	105.0	276.0	70.2	269.0	74.9	265.0	81.4	253.0	89.7	259.0	83.1	285.0	128.0	281.0	107.0	308.0	85.1
26	272.0	105.0	251.0	93.7	256.0	111.0	249.0	109.0	263.0	80.0	254.0	72.6	278.0	86.5	254.0	109.0	271.0	87.6	250.0	114.0	279.0	96.4	263.0	76.5
27	254.0	111.0	241.0	93.1	253.0	113.0	236.0	118.0	268.0	93.6	276.0	85.5	253.0	91.1	248.0	109.0	247.0	81.7	273.0	105.0	300.0	104.0	267.0	85.5
28	269.0	113.0	249.0	96.0	317.0	149.0	253.0	119.0	276.0	78.4	272.0	78.5	247.0	96.4	203.0	65.0	250.0	75.3	262.0	103.0	369.0	124.0	266.0	90.7
29	235.0	103.0			264.0	132.0	247.0	96.6	311.0	86.5	257.0	84.6	264.0	77.9	246.0	87.6	234.0	77.9	249.0	96.3	249.0	97.8	253.0	91.1
30	278.0	111.0			273.0	104.0	256.0	93.2	277.0	92.2	265.0	75.7	248.0	86.9	285.0	92.3	285.0	92.5	262.0	102.0	256.0	93.2	277.0	88.7
31	236.0	107.0	256.6	107.5	265.0	93.3	265.2	08.4	275.0	86.3	269.2	94.0	265.0	86.6	293.0	83.2	250.5	94.2	277.0	117.0	274.0	104.2	277.0	97.7
Avg	257.1 215.0	95.0 80.6	256.6 222.0	107.5 93.1	260.6 229.0	94.4 74.7	265.3 236.0	98.4 68.5	263.0 225.0	89.4 70.2	268.2 178.0	84.0 72.5	280.2 247.0	90.4 72.0	263.3 203.0	88.9 60.4	259.5 221.0	84.2 62.3	269.5 245.0	94.8 78.6	274.9	104.3 77.3	265.7 220.0	93.6 71.0
Min	282.0		295.0	129.0			297.0	177.0			306.0	106.0			329.0	114.0			245.0 296.0	128.0	234.0		308.0	
Max	282.0	113.0	293.0	129.0	317.0	149.0	297.0	1//.0	311.0	141.0	300.0	100.0	330.0	116.0	329.0	114.0	303.0	108.0	290.0	128.0	369.0	145.0	308.0	139.0

**BOLD=**Batches failed QC on these dates. Used median BOD values from 2001, instead of result value.

# Point Loma Wastwater Treatment 2002 BOD Removal (%) at Point Loma

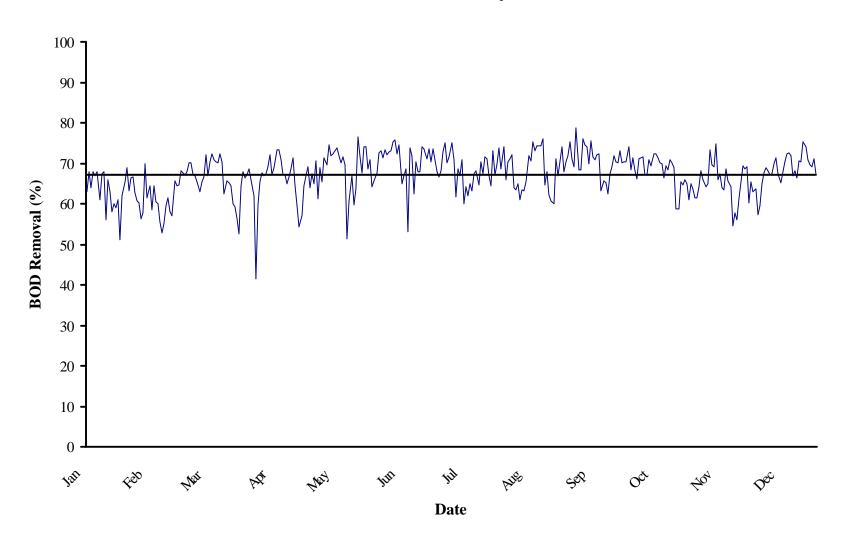


Point Loma Wastewater Treatment Plant 2002 Biochemical Oxygen Demand Removals (%) at Point Loma

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	63.2	58.8	65.1	63.9	65.7	61.2	69.9	71.2	64.0	67.0	61.5	59.5
2	66.6	62.8	65.0	64.5	60.3	67.6	68.5	66.4	67.5	70.9	60.7	61.6
3	66.0	64.1	64.3	65.8	64.3	66.1	68.6	71.7	68.7	65.0	57.6	54.9
4	69.3	60.2	65.2	61.9	61.1	69.6	71.0	64.0	71.8	69.0	57.4	57.9
5	61.5	63.3	67.5	59.1	68.0	71.1	74.1	67.6	67.8	64.5	59.9	62.2
6	64.4	64.2	68.1	37.5	58.3	69.0	76.1	68.5	65.9	62.2	65.3	63.3
7	67.5	59.5	64.6	56.9	66.7	71.3	70.1	69.8	77.0	67.5	63.2	60.0
8	68.0	57.3	63.7	63.1	62.5	70.0	72.4	59.9	64.9	68.2	61.1	64.5
9	66.0	57.0	62.2	65.1	70.1	70.6	76.1	61.7	66.3	68.8	62.6	62.4
10	63.1	52.1	59.7	63.8	67.9	71.0	70.9	63.0	73.0	63.7	71.0	64.3
11	64.8	53.8	62.4	67.7	72.4	73.7	64.3	58.4	72.0	63.8	67.1	66.2
12	63.3	65.8	63.9	67.6	69.5	74.3	69.4	60.1	71.5	68.1	66.4	68.6
13	58.3	56.6	70.0	69.9	68.7	71.2	67.9	60.9	66.8	65.9	73.0	64.0
14	60.5	58.3	64.8	63.6	71.1	72.9	68.0	61.3	73.5	68.5	62.7	61.2
15	60.8	57.3	68.0	65.8	70.8	63.0	61.6	69.9	68.9	68.8	64.6	64.8
16	66.1	61.4	70.4	70.6	70.1	64.2	66.6	68.7	67.9	68.0	60.3	67.3
17	64.5	56.9	68.2	72.3	67.5	65.9	63.8	73.3	69.2	66.3	60.1	70.0
18	66.1	56.4	67.4	70.1	67.4	55.2	64.9	71.0	69.8	66.6	64.7	68.7
19	65.1	52.3	69.0	64.0	66.9	73.2	60.4	72.2	59.8	62.7	62.4	68.8
20	67.7	49.2	72.3	65.7	46.6	69.7	64.6	73.3	62.4	66.1	60.6	63.3
21	61.5	51.0	68.1	62.0	56.5	59.5	65.5	71.5	61.4	65.0	50.3	65.4
22	65.7	54.7	59.2	63.7	63.4	67.4	64.0	73.3	59.1	67.5	54.4	62.9
23	66.0	58.5	63.3	66.2	55.8	64.8	68.0	61.7	64.4	66.6	52.4	67.4
24	55.6	53.8	62.1	69.1	61.0	67.6	64.5	66.0	65.6	65.6	57.3	66.7
25	63.0	52.3	61.0	61.5	74.6	72.2	69.3	64.5	67.9	55.1	61.9	72.4
26	61.4	62.7	56.6	56.2	69.6	71.4	68.9	57.1	67.7	54.4	65.4	70.9
27	56.3	61.4	55.3	50.0	65.1	69.0	64.0	56.0	66.9	61.5	65.3	68.0
28	58.0	61.4	53.0	53.0	71.6	71.1	61.0	68.0	69.9	60.7	66.4	65.9
29	56.2		50.0	60.9	72.2	67.1	70.5	64.4	66.7	61.3	60.7	64.0
30	60.1		61.9	64.0	66.7	71.4	65.0	67.6	67.5	61.1	63.6	68.0
31	54.7		64.8		68.6		67.3	71.6		57.8		64.7
1	62.9	58.0	63.8	62.9	65.8	68.4	67.7	66.3	67.5	64.8	62.0	64.8
	54.7	49.2	50.0	37.5	46.6	55.2	60.4	56.0	59.1	54.4	50.3	54.9
	69.3	65.8	72.3	72.3	74.6	74.3	76.1	73.3	77.0	70.9	73.0	72.4

Avg Min Max

# Point Loma Wastewater Treatment Plant 2002 BOD Removal (%) Systemwide

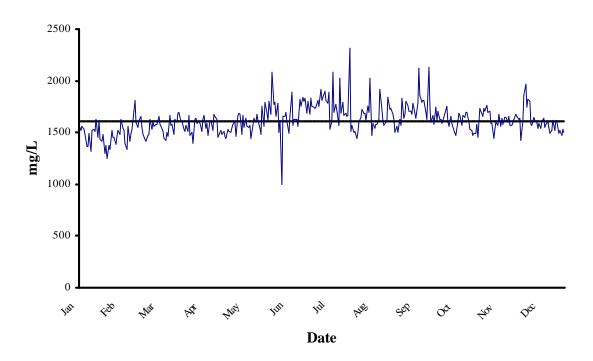


Point Loma Wastewater Treatment Plant 2002 Biochemical Oxygen Demand Removals (%) Systemwide

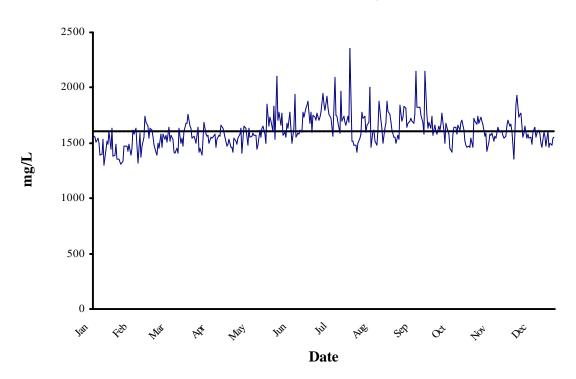
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Day	% Rem											
1	66.4	62.0	68.1	66.5	69.1	64.1	70.8	73.8	68.0	70.3	64.8	62.9
2	68.6	65.4	67.7	67.2	63.8	65.7	68.0	68.8	70.3	74.1	63.7	63.7
3	68.2	69.0	67.1	68.7	67.4	67.7	66.7	74.1	71.9	68.4	61.6	57.3
4	71.0	63.3	68.0	64.7	64.9	72.6	68.1	66.0	75.2	71.3	61.4	59.4
5	64.0	66.4	70.2	62.0	70.7	73.2	72.7	70.3	71.1	68.2	64.3	64.8
6	66.1	66.8	70.2	41.6	61.3	71.3	75.0	71.2	69.2	66.1	68.0	67.7
7	69.1	62.6	67.2	59.7	69.0	73.3	70.2	72.0	78.7	71.2	65.9	68.8
8	70.0	60.7	66.8	65.3	65.4	72.1	71.7	63.9	68.4	71.3	64.2	68.2
9	68.0	60.3	65.4	67.6	71.4	72.9	75.0	63.4	68.4	71.7	65.0	67.1
10	66.0	56.3	63.0	66.9	69.5	73.0	70.9	65.0	76.1	67.2	73.3	67.5
11	67.0	57.7	65.5	67.5	74.5	75.3	61.7	61.0	74.6	67.1	69.6	70.0
12	65.0	69.8	66.6	69.2	71.9	75.9	68.6	63.5	74.0	71.0	69.3	71.2
13	60.0	61.4	72.1	72.2	72.4	72.3	67.0	63.2	70.0	69.4	74.9	67.4
14	62.0	64.4	66.9	67.1	73.1	74.5	70.8	65.3	75.6	72.3	65.9	65.2
15	63.0	58.6	70.5	68.8	73.8	65.1	60.1	72.0	71.5	72.4	67.5	67.9
16	68.0	64.4	72.5	73.3	71.9	66.9	64.1	70.6	70.9	71.4	64.0	70.3
17	64.0	60.5	70.8	73.3	70.0	68.6	61.9	75.3	72.1	70.0	63.4	72.3
18	68.0	59.9	70.3	70.9	71.7	53.2	65.0	73.1	72.2	69.8	68.5	72.6
19	67.0	55.5	70.2	67.3	69.5	73.8	63.2	74.4	63.2	66.3	65.6	71.8
20	68.0	53.0	72.2	67.2	51.4	71.9	67.5	74.4	65.7	69.3	64.1	66.8
21	61.0	55.0	70.3	65.1	60.8	62.6	68.1	74.4	65.2	68.5	54.5	68.1
22	67.4	59.5	62.4	66.7	66.9	70.5	64.7	76.0	62.6	70.7	57.7	66.3
23	68.0	61.5	65.7	68.8	59.6	68.0	70.4	64.7	67.4	70.1	56.0	70.6
24	56.0	57.9	65.3	71.4	63.7	68.0	67.5	67.9	69.1	68.8	61.3	70.4
25	66.0	57.1	64.4	64.6	76.6	74.0	71.6	62.1	71.9	58.8	65.3	75.3
26	63.0	65.7	60.1	59.4	71.7	73.5	71.1	60.8	70.4	58.8	69.3	74.1
27	58.0	64.6	59.3	54.3	67.7	71.2	67.3	60.0	70.0	65.5	68.7	70.9
28	60.0	64.7	56.2	57.0	74.1	73.6	64.5	71.1	73.0	64.7	69.2	69.7
29	59.0		52.7	64.5	74.0	70.3	73.2	66.9	70.2	66.0	60.3	69.2
30	61.0		64.5	67.0	68.5	73.6	67.3	70.3	70.3	65.0	65.4	71.1
31	51.0		67.8		71.0		69.5	74.1		61.0		67.5
	64.5	61.6	66.5	65.5	68.6	70.3	68.2	68.7	70.6	68.3	65.1	68.3
	51.0	53.0	52.7	41.6	51.4	53.2	60.1	60.0	62.6	58.8	54.5	57.3
	71.0	69.8	72.5	73.3	76.6	75.9	75.0	76.0	78.7	74.1	74.9	75.3

Avg Min Max

# Point Loma Influent 2002 Total Dissolved Solids (mg/L)



# Point Loma Effluent 2002 Total Dissolved Solids (mg/L)



# Point Loma Wastewater Treatment Plant 2002 Total Dissolved Solids (mg/L)

	Jar	ı	Fe	b	Ma	ır	Ap	r	Ma	y	Ju	1	Ju	1	Au	g	Se	p	Oc	t	No	v	De	c
Day	Inf	Eff																						
1	1580	1440	1480	1490	1550	1560	1510	1560	1440	1420	1800	1830	1830	1750	1500	1480	1560	1550	1710	1660	1710	1700	1610	1580
2	1450	1580	1300	1350	1480	1480	1570	1530	1530	1540	1680	1530	1750	1730	1510	1480	1500	1500	1630	1610	1660	1670	1860	1850
3	1500	1460	1380	1350	1430	1420	1510	1500	1510	1520	2080	2100	1740	1710	1440	1420	1630	1570	1630	1580	1730	1740	1970	1930
4	1330	1320	1250	1330	1410	1390	1670	1640	1500	1490	1770	1710	1730	1770	1500	1500	1570	1530	1590	1650	1710	1680	1740	1730
5	1380	1380	1380	1310	1470	1500	1470	1420	1550	1540	1790	1780	1740	1710	1600	1540	1830	1840	1650	1620	1760	1730	1820	1760
6	1310	1320	1340	1340	1480	1450	1500	1450	1580	1580	1660	1660	1810	1730	1650	1580	1640	1700	1690	1670	1700	1700	1800	1770
7	1410	1470	1520	1470	1630	1580	1400	1390	1610	1630	1780	1770	1750	1780	1720	1780	1680	1730	1750	1770	1710	1670	1580	1550
8	1510	1470	1450	1470	1530	1460	1630	1530	1460	1410	1500	1570	1920	1950	1690	1720	1800	1830	1610	1610	1590	1560	1570	1590
9	1530	1540	1450	1470	1610	1580	1640	1690	1670	1650	1620	1600	1810	1850	1690	1740	1760	1810	1560	1500	1590	1590	1650	1650
10	1690	1650	1390	1430	1560	1530	1590	1580	1690	1640	1000	1550	1840	1800	1620	1600	1710	1640	1660	1680	1440	1430	1620	1540
11	1600	1620	1460	1490	1580	1570	1610	1560	1680	1630	1660	1680	1900	1920	1750	1660	1710	1680	1590	1610	1530	1510	1600	1580
12	1500	1520	1520	1390	1580	1510	1590	1570	1480	1480	1660	1630	1810	1820	1700	1690	1680	1700	1520	1580	1600	1580	1540	1540
13	1620	1570	1480	1450	1660	1640	1510	1500	1670	1630	1700	1780	1780	1760	2030	2000	1780	1720	1490	1450	1570	1570	1590	1550
14	1500	1510	1630	1620	1580	1520	1630	1550	1550	1550	1610	1620	1890	1720	1470	1460	1690	1700	1470	1420	1680	1590	1540	1490
15	1550	1560	1540	1580	1560	1570	1670	1540	1640	1560	1490	1500	1530	1640	1590	1610	1640	1680	1610	1580	1560	1520	1610	1600
16	1520	1550	1520	1630	1510	1530	1540	1550	1560	1590	1660	1630	1610	1560	1540	1620	1780	1760	1690	1640	1640	1560	1640	1640
17	1560	1510	1400	1480	1440	1420	1590	1580	1550	1570	1890	1940	2080	2090	1580	1520	2120	2150	1670	1640	1580	1540	1550	1550
18	1530	1540	1340	1320	1420	1410	1470	1460	1570	1570	1570	1550	1700	1750	1580	1480	1860	1820	1570	1580	1650	1640	1580	1590
19	1480	1500	1560	1590	1500	1450	1610	1530	1440	1440	1630	1590	1770	1740	1630	1610	1790	1820	1670	1660	1650	1620	1610	1620
20	1370	1390	1410	1370	1460	1410	1620	1570	1570	1480	1630	1580	1710	1690	1920	1880	1810	1820	1650	1620	1600	1600	1550	1580
21	1370	1400	1490	1470	1670	1630	1520	1560	1640	1620	1630	1620	1570	1590	1720	1710	1810	1750	1700	1690	1660	1610	1490	1500
22	1490	1530	1530	1550	1570	1500	1680	1660	1600	1550	1560	1600	2030	1970	1620	1630	1700	1690	1700	1710	1570	1570	1520	1460
23	1320	1300	1710	1740	1580	1540	1660	1630	1680	1630	1820	1780	1690	1700	1570	1500	1630	1580	1610	1620	1570	1540	1620	1600
24	1520	1440	1810	1690	1480	1470	1630	1600	1620	1650	1750	1730	1790	1740	1600	1630	2130	2150	1530	1520	1590	1560	1520	1560
25	1530	1520 1490	1600 1550	1650 1540	1630 1600	1610 1680	1450 1500	1550 1470	1540 1480	1580 1500	1840 1800	1810 1840	1670 1690	1690	1610 1840	1680 1880	1750 1600	1760 1630	1520 1470	1480 1460	1630 1680	1650 1710	1620 1610	1470 1610
26 27	1510 1630		1620	1630	1690	1680	1520	1490	1750	1850	1830	1880	1660	1660 1740	1720	1790	1670	1690	1470	1470	1660	1650	1490	1460
28	1450	1610 1440	1660	1620	1700	1760	1480	1530	1560	1650	1690	1680	1670	1690	1720	1760	1580	1630	1490	1460	1630	1670	1520	1500
29	1620	1630	1000	1020	1610	1650	1510	1460	1790	1730	1800	1780	2320	2360	1680	1690	1740	1740	1580	1540	1640	1610	1470	1480
30	1430	1380			1610	1630	1460	1460	1790	1700	1680	1600	1510	1520	1630	1620	1620	1570	1450	1460	1420	1350	1530	1540
31	1410	1390			1530	1540	1400	1400	1620	1610	1000	1000	1570	1520	1500	1550	1020	1370	1730	1720	1420	1330	1500	1550
Avg	1490	1485	1492	1494	1552	1538	1558	1537	1588	1580	1686	1697	1770	1763	1643	1639	1726	1725	1603	1589	1624	1604	1610	1594
Min	1310	1300	1250	1310	1410	1390	1400	1390	1440	1410	1000	1500	1510	1520	1440	1420	1500	1500	1450	1420	1420	1350	1470	1460
Max	1690	1650	1810	1740	1700	1760	1680	1690	1790	1850	2080	2100	2320	2360	2030	2000	2130	2150	1750	1770	1760	1740	1970	1930
IVIAA	1090	1030	1010	1/40	1700	1700	1000	1090	1790	1030	2000	2100	2320	2300	2030	2000	2130	2130	1/50	1770	1700	1740	17/0	1730

## D. Toxicity Bioassays

# **Toxicity Testing: Point Loma Ocean Outfall 2002**

#### INTRODUCTION

The City of San Diego conducts aquatic bioassays as required by the City's National Pollutant Discharge Elimination System permit (No. CA0107409 and Order No. 95-106). The permit was renewed (Order No. R9-2002-0025) by U.S. EPA and adopted by the California Regional Water Quality Control Board on April 10, 2002. This testing is designed to determine the acute and chronic toxicity of effluent samples collected from the Point Loma Wastewater Treatment Plant. This chapter presents summaries and discussion of toxicity testing conducted in 2002.

Toxicity testing of wastewater effluent measures the bioavailability of toxicants in a complex mixture, accounts for synergistic and antagonistic actions, and integrates any potentially adverse effects of the constituents. Acute and chronic toxicity tests are characterized by the duration of exposure to a toxicant as well as the adverse effect (measured response) produced as the result of exposure to a toxicant. Acute toxicity testing consists of a short-term exposure period, usually 96 hours or less, and the acute effect refers to mortality of the test organism.

Chronic toxicity testing, in the classic sense, refers to long-term exposure of the test organism to a potential toxicant. This may involve exposing the test organism for its entire reproductive life cycle which may exceed 12 months for organisms such as fish. In general, chronic tests are inherently more sensitive to toxicants than acute tests in that adverse effects are detected at lower toxicant concentrations. The City of San Diego is required to conduct critical/early lifestage chronic tests that are intermediate between the acute and chronic toxicity testing protocols discussed above. These test results serve as short-term estimates of chronic toxicity.

## **MATERIALS & METHODS**

#### **Test Material**

Twenty-four hour, flow-weighted, effluent composite samples were collected at the Point Loma Wastewater Treatment Plant and stored at 4EC until test initiation. All tests were initiated within 36 hours of sample collection. The acute toxicity test concentrations were 18, 32, 56, 75, and 100% effluent for the fathead minnow and *Ceriodaphnia* (water flea) tests, and 3.87, 7.75, 15.5, 31.0, and 62% (nominal) for the topsmelt and mysid tests. Dilution water for the effluent acute toxicity bioassays consisted of carbon filtered, aerated, and dechlorinated tap water for the fathead minnow tests, and dilute mineral water for the *Ceriodaphnia* tests. Dilution water for the acute topsmelt and mysid tests consisted of the same receiving water used in the chronic toxicity tests.

Chronic toxicity test concentrations were 0.15, 0.27, 0.49, 0.88, and 1.56% effluent. The protocols for the chronic bioassays specify the use of unimpacted receiving water as dilution water. Receiving water was collected at water quality station B8 (see City of San Diego 2002) and used within 96 hours of collection. The receiving water samples were collected from a depth of 2 m and stored at 4EC until test initiation. Dilution water for chronic reference toxicant testing was obtained from the Scripps Institution of Oceanography (SIO), filtered, held at 4EC, and used within 96 hours of collection. Detailed methodology for all toxicity testing are described in the City Bioassay Lab Standard Operating Procedures Manual.

### **Acute Bioassays**

# Fathead Minnow Survival Bioassay

Fathead minnow acute bioassays were conducted in accordance with USEPA protocol EPA/600/4-85/013 (USEPA 1985). The test organisms, *Pimephales promelas*, were purchased from Aquatic Bio Systems (Fort Collins, Colorado). Juvenile fish approximately 60-90 days old were exposed for 96 hours to the test material while being kept in a static non-renewal system where the test solutions were aerated, but otherwise left undisturbed throughout the test period.

Simultaneous reference toxicant testing was performed using sodium dodecyl sulfate (SDS). Test concentrations were 10, 18 and 32 mg/L SDS. Upon the conclusion of the exposure period, percent survival was recorded.

Tests were declared valid if control mortality did not exceed 10%. The data were analyzed using a multiple comparison procedure and linear interpolation method prescribed by USEPA (1985). ToxCalc software (Tidepool

Scientific Software 1994) was used for all statistical analyses.

#### Ceriodaphnia Survival Bioassay

Ceriodaphnia acute bioassays were conducted in accordance with USEPA protocol EPA/600/4-90/027F (USEPA 1993). The test organisms, Ceriodaphnia dubia, were cultured in-house at the bioassay laboratory. Newly released (< 24 hr) neonates were exposed for 48 hours to a series of effluent and reference toxicant concentrations while being kept in a static system.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. The concentrations of copper in the exposure series were 3, 6, 12, 24, and 48 Fg/L. Upon conclusion of the exposure period, percent survival was recorded. Tests were declared valid if control mortality did not exceed 10%. The data were analyzed using a multiple comparison procedure and point estimation method prescribed by USEPA (1993). ToxCalc software (Tidepool Scientific Software 1994) was used for all statistical analyses.

#### Topsmelt Survival Bioassay

The topsmelt acute bioassays were conducted in accordance with USEPA protocol EPA/600/4-90/027F (USEPA 1993) by EVS Environment consultants (N. Vancouver, BC) and the City's bioassay laboratory. Larval Atherinops affinis (9-14 days old) were purchased from Aquatic Bio Systems (Fort Collins, CO), and were exposed for 48 hours in a static system or 96 hours in a static renewal system to 3.83, 7.75, 15.5, 31.0, and 62% effluent (nominal). For the 96 hours tests, the test solutions were renewed at 48 hours.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. Test concentrations consisted of 56, 100, 180, 320 and 560 Fg/L copper. Dilution water for chronic reference toxicant testing was obtained from SIO, filtered, held at 4EC, and used within 96 hours of collection. Upon conclusion of the exposure period, percent survival was recorded. Tests were declared valid if control mortality did not exceed 10%. The data were analyzed using a multiple comparison procedure and point estimation method prescribed by USEPA (1993). ToxCalc software (Tidepool Scientific Software 1994) was used for all statistical analyses.

#### Mysid Survival Bioassay

The mysid acute bioassay was conducted in accordance with USEPA protocol EPA/600/4-90/027F (USEPA 1993) by EVS Environment consultants (N. Vancouver, BC) and the City's bioassay laboratory. Larval Mysidopsis bahia (4-5 days old) were purchased from Aquatic Bio Systems (Fort Collins, CO), and were exposed for 48 hours in a static system to 3.83, 7.75, 15.5, 31.0, and 62% effluent (nominal). For the 96 hours tests, the test solutions were renewed at 48 hours.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. Test concentrations consisted of 56, 100, 180, 320, and 560 Fg/L copper. Dilution water for chronic reference toxicant testing was obtained from SIO filtered, held at 4EC, and used within 96 hours of collection. Upon conclusion of the exposure period, percent survival was recorded. Tests were declared valid if control mortality did not exceed 10%. The data were analyzed using a multiple comparison procedure and point estimation method prescribed by USEPA (1993). ToxCalc software (Tidepool Scientific Software 1994) was used for all statistical analyses.

#### **Chronic Bioassays**

#### Kelp Germination and Growth Test

Chronic bioassays using the giant kelp, *Macrocystis pyrifera*, were conducted in accordance with USEPA protocol EPA/600/R-95/136 (USEPA 1995). Kelp zoospores were kept in a static system and exposed for 48 hours to a series of effluent and reference toxicant concentrations. Zoospores were obtained one day prior to test initiation from the reproductive blades (sporophylls) of adult Macrocystis plants collected in the kelp beds near La Jolla, California.

Simultaneous reference toxicant testing was performed using reagent grade copper chloride. The concentrations of copper in the exposure series were 5.6, 10, 18, 32, 56, 100, and 180 Fg/L. A reference toxicant control consisting of SIO dilution water was also tested. Upon conclusion of the exposure period, percent germination and germ-tube length were recorded.

The data were analyzed in accordance with "Flowchart for statistical analysis of giant kelp, Macrocystis pyrifera, germination data" and "Flowchart for statistical analysis of giant kelp, Macrocystis pyrifera, growth data" (see USEPA 1995). ToxCalc software (Tidepool Scientific Software 1994) was used for all statistical analyses.

#### Red Abalone Development Bioassay

Chronic bioassays using the red abalone, *Haliotis rufescens*, were conducted in accordance with USEPA protocol EPA/600/R-95/136 (USEPA 1995). Test organisms were purchased from Cultured Abalone (Goleta, California), and shipped via overnight delivery to the City's bioassay laboratory. Mature male and female abalone were placed in natural seawater tanks at 15EC. Prior to test initiation, spawning was induced and abalone eggs and sperm were retained for the analysis. Subsequently, the eggs were fertilized, and a known quantity of fertilized embryos was added to each test replicate at the beginning of the 48 hour exposure period.

Simultaneous reference toxicant testing was performed using reagent grade zinc sulfate. The concentrations of zinc in the exposure series were 10, 18, 32, 56, and 100 Fg/L. A reference toxicant control consisting of SIO dilution water was also tested. Upon conclusion of the exposure period, percent normal embryo development was recorded.

The percentage of normally developed embryos for each replicate was arcsine square root transformed. The data were analyzed in accordance with "Flowchart for statistical analysis of red abalone *Haliotis rufescens*, development data" (see USEPA 1995). ToxCalc software (Tidepool Scientific Software 1994) was used for all statistical analyses.

## Topsmelt Survival and Growth Bioassay

Chronic bioassays using larvae of the topsmelt, Atherinops affinis, were conducted in accordance with USEPA protocol EPA/600/R-95/136 (USEPA 1995). Topsmelt larvae were purchased from Aquatic Bio Systems (Fort Collins, CO), and shipped via overnight delivery to the City's bioassay laboratory. Prior to test initiation, the test organisms were held in seawater tanks and gradually acclimated to test temperature and salinity. The bioassays were subsequently initiated when the topsmelt larvae were 9-14 days old. Larval fish were then exposed to a series of effluent and reference toxicant concentrations for a period of seven days while being maintained in a static renewal system. The test solutions were renewed daily.

Reference toxicant testing was performed using reagent grade copper chloride. The concentrations of copper in the exposure series were 32, 56, 100, 180, and 320 Fg/L. A separate control consisting of SIO dilution water was also tested. Upon conclusion of the exposure period, the percent survival and the percent growth (i.e., weight gain) of larval fish were recorded.

The survival data were arcsine square root transformed and then analyzed in accordance with the "Flowchart for statistical analysis of the topsmelt, Atherinops affinis, larval survival data" (USEPA 1995). Growth data were analyzed in accordance with the "Flowchart for statistical analysis of the topsmelt, Atherinops affinis, larval growth data" (USEPA 1995). ToxCalc software (Tidepool Scientific Software 1994) was used for all statistical analyses.

#### **RESULTS & DISCUSSION**

#### **Acute Bioassays**

The City conducted acute bioassays from January to April 2002 using both Fathead minnows (*Pimephales promelas*) and freshwater water fleas (*Ceriodaphnia dubia*) in accordance with Order No. 95-106. One additional *Ceriodaphnia* bioassay was performed in May immediately prior to adoption of Order No. R9-2002-0025. The toxic unit acute (TUa) values for the fathead minnows averaged 1.2 TUa and were within established NPDES limits throughout 2002 (Table T.2). In contrast, the *Ceriodaphnia* tests averaged 1.3 TUa for the year and exceeded the NPDES permit limits on several occasions, most notably in the 30-day average category (Table T.3). The *Ceriodaphnia* acute toxicity tests were conducted on a weekly basis to better characterize the persistence and source of toxicity. The increased test frequency did not produce a discernable pattern of toxicity as the incidences of toxicity were clearly sporadic and short-lived.

As stated in the City's 2000 receiving water monitoring report (City of San Diego 2001), the State of California has revised acute testing procedures for ocean dischargers. The new California Ocean Plan (COP) requires utilization of marine species instead of freshwater species. The document was approved by the Office of Administrative Law (OAL) and the EPA in December of 2001. The new COP requirements were incorporated into Order No. R9-2002-0025, and the City revised the acute test frequency and duration of the marine species (i.e., topsmelt, *Atherinops affinis* and mysid, *Mysidopsis bahia*) in May 2002 in response to the new permit. All tests demonstrated complete compliance with the new standards (Table T.4).

### **Chronic Bioassays**

An annual screening of three species was conducted to verify sensitivity of the selected test organisms to Point Loma effluent. Giant kelp (*Macrocystis pyrifera*), red abalone (*Haliotis rufescens*), and topsmelt (*Atherinops affinis*) were screened and the results of these comparative bioassays are summarized in Table T.1. The results indicated equal sensitivity among all species. Subsequent chronic bioassays on effluent samples were conducted using both giant kelp and abalone since the giant kelp has been the most sensitive species in previous years and the red abalone remains ecologically important to the region.

The giant kelp and red abalone chronic toxicity tests conducted during 2002 are summarized in Table T.5. All red abalone tests were within compliance limits. The City began bi-weekly accelerated testing in November 2001 after the giant kelp test exceeded the compliance limit. The bi-weekly testing continued through July 2002 and the results revealed sporadic toxicity which may have been associated with operational reconfiguration of the NPDES sampling location and plant maintenance operations at PLWTP. All kelp tests were within established NPDES limits for the remainder of 2002.

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Table T.1 Results of the chronic screening bioassays conducted during April 2002 to verify the sensitivity of the selected test organisms. Data are presented as No Observed Effect Concentration (NOEC)

Chronic		
Test Species	<b>End-point Determination</b>	Test Results (NOEC)
Giant Kelp	Percent germination	1.56
	Germ-tube length	1.56
Red Abalone	Percent normal development	1.56
Topsmelt	Percent survival	1.56
	Growth	1.56

Table T.2 Results and compliance summary for the acute toxicity testing of Point Loma Wastewater Plant effluent using the fathead minnow, Pimephales promelas, from January to April 2002. Data are presented in toxic unit acute (TUa) values. Numbers in parentheses indicate NPDES limits.

	Daily	7-day average	30-day average
Sample Date	(2.5)	(2.0)	(1.5)
9-Jan	1.1	1.1	1.1
2-Feb	1.1	1.1	1.1
14-Mar	1.5	1.5	1.5
16-Apr	1.0	1.0	1.0
N	4	4	4
No. in Compliance	4	4	4

Table T.3 Results and compliance summary for the acute toxicity testing of Point Loma Wastewater Plant effluent using the water flea, *Ceriodaphnia dubia*, from January to May 2002. Data are presented in toxic unit acute (TUa) values. Numbers in parentheses indicate NPDES limits.

	Daily	7-day average	30-day average
Sample Date	(2.5)	(2.0)	(1.5)
2-Jan	1.5	2.4	1.6
9-Jan	1.1	1.1	1.7
15-Jan	1.2	1.2	1.6
23-Jan	1.6	1.6	1.7
29-Jan	1.2	1.4	1.3
2-Feb	1.4	1.3	1.3
15-Feb	1.1	1.1	1.3
22-Feb	1.4	1.4	1.3
26-Feb	2.0	1.7	1.4
5-Mar	1.7	1.7	1.6
11-Mar	1.2	1.5	1.5
14-Mar	1.3	1.3	1.5
20-Mar	0.9	1.1	1.4
27-Mar	1.5	1.5	1.4
3-Apr	1.3	1.3	1.3
10-Apr	1.1	1.1	1.2
16-Apr	0.9	1.0	1.1
23-Apr	1.1	1.1	1.2
3-May	1.6	1.6	1.2
N	19	19	19
No. in compliance	19	18	14

Table T.4 Results and compliance summary of acute bioassays conducted during 2002 using the new California Ocean Plan approved marine species. Data are presented in toxic unit acute (TUa) values. The new California Ocean Plan compliance limit will be 6.5 TUa. All tests were conducted with B-8 receiving water as dilution unless otherwise indicated. N.T. = Not tested

Sample Date	Topsmelt 48-Hour Bioassay	Mysid 48-Hour Bioassay
	48 h Static Non-Renewal	
9-Jan	1.6	0.8
2-Feb	2.1	1.3
14-Mar	2.7	3.4
16-Apr	<1.5	<1.5
Sample Date	Topsmelt 48-Hour Bioassay	Mysid 48-Hour Bioassay
	96 h Static Renewal	
12-Jul	1.5	1.5
8-Oct	2.1	-
8-Oct	2.1	-

Table T.5 Results of chronic toxicity testing of Point Loma Wastewater Plant effluent from January to December 2002. Data are presented in toxic unit chronic (TUc) values. NPDES permit limit is 205 Tuc. N.T. = Not tested. N.V. = Not valid

	Giant Kel	p Bioassay	Red Abalone Bioassay
Sample date	% Germination	Germ-tube Length	% Normal Developmen
9-Jan	64	64	64
16-Jan	64	64	
2-Feb	114	>667	64
8-Feb	64	64	
13-Feb <sup>1</sup>	64	>667	
26-Feb	64	64	
26-Feb <sup>1</sup>	64	64	
14-Mar	64	64	64
14-Mar <sup>1</sup>	64	64	
26-Mar	64	64	
26-Mar <sup>1</sup>	114	>667	
7-Apr	64	64	64
23-Apr	64	64	
9-May	114	64	64
22-May	64	114	
2-Jun	64	64	64
18-Jun	64	64	
12-Jul	64	667	64
23-Jul	64	64	
5-Aug	64	64	64
6-Sep	64	64	64
8-Oct	64	114	64
5-Nov	64	64	64
3-Dec	64	64	64
N	24	24	12
No in compliance	24	20	12
Mean TUc	70	169	64

<sup>&</sup>lt;sup>1</sup>Sample collected in North Effluent Outfall Channel

E. 6-Year Tables.

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						Result	s of the	determ	ination					ekly ba	sis for t	ne past 6	ó-years.							
											RSENIC		997											
<b>147</b> 1		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	2.1	1.3	2.3	1.3	1.4	1.1	1.8	1.3	2.6	1.3	2.1	1.6	2.8	2.2	2.1	0.7	2.7	2.0	2.8	1.6	2.8	1.6	1.3	1.1
2	2.2	1.4	2.6	1.2	2.0	2.3	2.2	1.4	2.1	1.6	2.2	1.9	3.5	1.5	1.4	0.8	2.6	2.6	2.3	1.4	2.2	1.6	1.0	1.0
3	2.5	1.5	1.7	1.1	2.0	2.4	2.4	1.8	2.6	1.8	2.0	1.6	2.9	1.5	1.2	0.8	2.6	1.7	2.1	1.9	2.1	1.5	1.4	1.0
4	4.6	1.8	2.1	1.4	1.6	1.2	2.1	1.5	2.3	2.1	2.1	1.4	2.7	1.4	1.3	1.1	2 /	2.1	3.2	1.8	2.4	1.7	1.5	0.7
Average	2.8	1.5	2.2	1.3	1.7	1.8	2.1	1.5	2.4	1.7	2.1	1.6	2.9	1.6	1.5	0.8	2.6	2.1	2.6	1.6	2.4	1.6	1.3	1.0
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		JAN		FEB		MAR		APR		MAY	MICSLINIC	JUN	770	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	1.8	1.0	2.6	1.3	2.1	1.6	2.0	1.2	1.9	0.9	1.5	0.9	1.7	1.2	2.3	1.3	2.2	1.2	2.1	1.2	1.9	1.3	3.6	1.2
2	1.8	0.8	3.3	1.3	1.9	1.2	1.8	1.1	2.2	1.2	1.3	1.1	1.9	1.2	2.4	1.5	3.2	1.3	2.2	1.0	1.5	1.2	2.1	1.6
3	1.8	0.8	2.8	2.3	1.9	1.4	1.4	0.9	1.6	0.9	1.3	1.1	1.7	1.2	2.2	1.4	2.9	1.4	2.3	1.6	2.1	1.1	1.3	0.8
4	2.8	1.1			2.1	1.0	1.4	0.8	1.4	1.1	1.8	0.7			2.4	1.4	1.9	1.2	2.0	1.1	1.8	1.1	1.4	0.7
Average	2.0	0.9	2.9	1.6	2.0	1.3	1.7	1.0	1.8	1.0	1.5	1.0	1.7	1.2	2.3	1.4	2.6	1.3	2.1	1.2	1.9	1.2	2.1	1.1
· ·																								
											RSENIC		999											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	1.5	0.8	1.8	1.0	1.4	0.8	1.3	0.8	1.3	0.9	1.7	1.0	1.6	1.1	1.7	1.1	1.8	1.1	1.9	1.5	1.5	0.7	1.7	0.9
2	1.6	0.8	1.7	0.8	1.6	0.9	1.6	1.0	1.6	0.9	1.9	1.2	2.0	1.2	2.0	1.1	1.7	1.1	1.6	1.2	1.9	1.0	1.5	1.0
3	1.6	0.9	1.6	0.8	1.4	0.8	1.7	0.7	1.5	1.2	1.5	1.0	1.6	1.1	1.9	1.1	1.8	1.2	2.1	1.4	2.0	1.2	1.2	1.0
4			1.7	1.1	2.9	1.3	2.0	1.1			1.5	1.0	1.5	1.4	1.7	1.1	1.4	1.0	2.1	1.0			1.1	0.9
Average	1.6	0.8	1.7	0.9	2.0	1.3	1.7	0.9	1.5	1.0	1.6	1.1	1.7	1.2	1.8	1.1	1.7	1.1	1.9	1.3	1.8	1.0	1.4	0.9
										Δ	RSENIC	(ua/L) 2	000											
		JAN		FEB		MAR		APR		MAY	MICSLINIC	JUN	000	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	1.4	0.6	1.6	0.9	1.1	1.2	1.5	0.8	2.1	<0.2	0.3	<0.2	1.2	0.7	1.2	0.9	1.2	1.0	1.3	1.1	1.6	0.9	1.0	0.4
2	1.5	0.7	1.4	1.0	1.2	0.8	1.5	0.9	1.5	<0.2	1.4	1.1	1.5	0.8	1.1	1.0	1.3	1.0	1.3	0.8	1.2	1.1	1.2	0.7
3	1.3	0.8	1.5	1.1	0.9	0.7	1.4	0.9	2.3	0.2	1.1	0.9	1.3	0.8	1.0	0.7	0.8	0.7	1.4	1.0	1.3	0.9	1.0	0.7
4	1.2	0.7	1.4	0.8	1.1	0.6			0.2	0.7	1.5	0.8	1.3	1.2	2.2	1.4			1.5	1.1	0.9	0.8	1.2	0.9
Average	1.3	0.8	1.5	0.9	1.1	0.8	1.5	0.9	1.5	0.2	1.1	0.7	1.3	0.9	1.8	1.1	1.1	0.9	1.4	1.0	1.2	0.9	1.1	0.7
											ARSENIC		001											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	1.1	0.7	1.3	0.8	1.3	1.0	0.9	<0.2	1.2	0.8	4.3	1.0	1.2	0.7	1.6	1.1	1.6	1.1	2.0	0.9	1.0	1.1	1.7	0.9
2	1.5	0.8	1.5	0.9	0.7	1.0	0.7	0.5	1.2	1.0	1.1	0.7	1.1	0.7	1.4	0.9	0.7	1.2	1.0	0.3	1.7	1.1	1.3	0.6
3	0.8	0.6	0.9	0.6	1.1	<0.2	1.1	0.6	1.0	1.0	1.4	1.0	1.3	0.9	1.6	1.1	1.4	0.8	1.1	1.0	1.8	1.1	1.1	0.8
4	1.4	0.8	1.0	0.8	0.6	0.4	0.8	0.4	1.2	0.8	2.1	0.9	1.0	0.0	1.5 1.5	1.1 1.1	0.6	0.2	1.5	1.1 0.8	1.5 1.5	0.9 1.0	1.4	0.8
Average	1.2	0.8	1.2	0.8	0.9	0.6	0.9	0.4	1.1	0.9	2.1	0.9	1.2	0.8	1.5	1.1	1.1	0.8	1.4	0.8	1.5	1.0	1.3	0.8
										Δ	RSENIC	(na/L) 2	002											
		JAN		FEB		MAR		APR		MAY		JUN	002	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.88	0.65	1.4	0.89	1.1	0.62	1.60	1.54	1.20	1.14	1.74	0.98	2.31	1.89	1.23	1.17	1.73	1.72	1.86	1.52	1.87	1.56	1.29	0.91
2	1.33	0.84	1.72	0.92	1.16	0.90	0.99	0.57	1.83	1.34	1.53	0.90	2.96	2.34	2.76	2.25	2.18	1.95	1.06	0.74	1.88	1.58	2.73	2.36
3	1.21	1.09	1.05	0.65	0.61	0.69	1.57	1.59	2.34	1.56	2.84	2.74	2.65	1.74	2.13	1.14	1.87	1.55	1.86	1.74	1.12	0.75	1.53	1.02
4			1.38	1.13	0.72	0.82	1.14	0.66			1.44	1.06	1.83	1.46	2.81	1.87	1.20	0.81	2.33	2.41			1.52	0.76
Average	1.14	0.86	1.39	0.90	0.90	0.76	1.33	1.09	1.79	1.35	1.89	1.42	2.44	1.86	2.23	1.61	1.75	1.51	1.78	1.60	1.62	1.30	1.77	1.26

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Influent and Effluent Data Summary 2.133

											CADMI	UM (ug/l	_) 1997											
147		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week 1	Inf <1.0	<1.0	Inf <1.0	<1.0	Inf <1.0	1.2	Inf <1.0	<1.0	1.2	<1.0	2.0	<1.0	Inf <1.0	<1.0	<1.0	<1.0	Inf <1.0	<1.0	<1.0	<1.0	Inf <1.0	<1.0	Inf <1.0	1.7
2	<1.0	<1.0	3.0	<1.0	1.1	1.5	1.9	<1.0	<1.0	<1.0	1.7	1.0	<1.0	1.5	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1
3	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6
4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0			<1.0	<1.0	1.7	<1.0	<1.0	<1.0
Average	<1.0	<1.0	1.1	<1.0	0.3	<1.0	<1.0	<1.0	0.3	0.3	0.9	0.3	<1.0	0.4	<1.0	<1.0	0.4	<1.0	<1.0	<1.0	0.4	<1.0	<1.0	1.4
											CADMI	UM (ug/l	_) 1998											
MI-	l £	JAN	16	FEB	16	MAR	16	APR	16	MAY	I £	JUN	16	JUL	16	AUG	16	SEP	16	OCT	l £	NOV	16	DEC
Week 1	Inf <1.0	<1.0	Inf <1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	Inf <1.0	<1.0	<1.0	<1.0	Inf <1.0	1.5	Inf <1.0	<1.0	Inf <1.0	<1.0	<1.0	<1.0
2	<1.0	<1.0	<1.0	<1.0	2.1	1.6	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	2.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0
3	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	1.4	1.4	<1.0	<1.0	<1.0	<1.0	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0
4	<1.0	<1.0			1.5	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0			<1.0	<1.0	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Average	<1.0	<1.0	<1.0	<1.0	1.2	0.4	<1.0	<1.0	<1.0	<1.0	1.5	0.4	<1.0	<1.0	<1.0	<1.0	1.6	0.9	<1.0	<1.0	<1.0	<1.0	0.8	<1.0
											CADMI	UM (ug/l	_) 1999											
		JAN		FEB		MAR		APR		MAY		JUN	-,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0
2 3	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	1.2 1.4	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	1.3 <1.0	<1.0 <1.0
4	V1.0	<b>\1.0</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<b>\1.0</b>	<b>\1.0</b>	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	V1.0	<b>\1.0</b>	<1.0	<1.0
Average	<1.0	<1.0	<1.0	<1.0	0.3	<1.0	0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.3	0.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.6	<1.0
											CADMI	UM (ug/l	) 2000											
		JAN		FEB		MAR		APR		MAY	CADIVII	JUN	_) 2000	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.0	1.1	1.7	<1.0	1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	1.3	<1.0	1.6	<1.0	<1.0	<1.0
2 3	1.1 1.2	<1.0 <1.0	<1.0 1.0	<1.0 <1.0	<1.0 2.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 1.6	1.5 1.4	1.5 <1.0	<1.0 1.3	<1.0 <1.0	1.7 <1.0	<1.0 <1.0	1.4 1.2	<1.0 <1.0	<1.0 2.8	<1.0 <1.0
4	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	14.6	<1.0	<1.0	<1.0	<1.4 <1.0	<1.0	1.3	<1.0	<1.0	1.4	<1.0	<1.0	<1.0	<1.0
Average	1.3	0.3	0.7	<1.0	0.8	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	<1.0	<1.0	0.4	0.7	0.4	0.4	0.5	0.8	0.4	<1.0	<1.0	0.7	<1.0
											OADM		\ 0004											
		JAN		FEB		MAR		APR		MAY	CADIVII	UM (ug/l JUN	_) 2001	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2	<1.0	<1.0	2.8	<1.0	<1.0	2.2	1.3	<1.0	2.8	<1.0	2.2	<1.0	<1.0	<1.0	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
3 4	<1.0 <1.0	2.5 <1.0	2.6	<1.0	<1.0 <1.0	<1.0 2.3	<1.0 1.4	<1.0 <1.0	3.7 2.5	2.8 <1.0	<1.0 1.8	<1.0 1.3	<1.0	<1.0	1.1 2.8	<1.0 1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	<1.0 1.4	<1.0 <1.0	<1.0 <1.0
Average	<1.0	0.6	1.8	<1.0	<1.0	1.10	0.7	<1.0	2.6	0.7	1.0	0.3	<1.0	<1.0	1.6	0.3	<1.0	<1.0	<1.0	<1.0	<1.0	0.4	<1.0	<1.0
											CADMI	UM (ug/l	) 2002											
		JAN		FEB		MAR		APR		MAY	CADIVII	JUN	_, 2002	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	1.3	<1.0	<1.0	<1.0	2.5	<1.0	2.1	<1.0	<1.0	<1.0	1.3	1.6	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0
2	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	2.1	<1.0	<1.0	3.8	<1.0	<1.0	<1.0	<1.0	1.4	1.6	<1.0	<1.0
3 4	1.0	<1.0	<1.0 1.5	<1.0 <1.0	<1.0 <1.0	<1.0 <1.0	1.6 2.5	<1.0 1.8	<1.0	<1.0	1.2 <1.0	<1.0 <1.0	2.2 <1.0	<1.0 3.4	1.5 <1.0	2.4 4.5	<1.0 <1.0	<1.0 <1.0	1.0 1.1	<1.0 <1.0	1.2	1.8	1.7 <1.0	<1.0 <1.0
Average	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	0.6	<1.0	1.6	<1.0	<1.0	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0
nverage																								

											CHROM	IIUM (ug/	1) 1007											
		JAN		FEB		MAR		APR		MAY	CHROW	JUN	L) 1777	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<5	<5	10	<5	10	<5	<5	<5	7	<5	7	<5	12	<5	<5	<5	<5	<5	10	<5	21	6	11	<5
2	8	6	16	<5	13	<5	<5	<5	<5 7	<5	12	<5	8	<5	<5	<5	5	<5	9	<5	7	<5	10	<5
3	9 8	<5 <5	12 10	<5 <5	7 <5	<5 <5	<5	<5	7 <5	<5	12 10	<5 <5	<5 10	<5 <5	<5 <5	<5 <5	<5	<5	11 26	<5 <5	7 18	<5	12 5	<5 <5
Average	6	2	12	<5		<5 <5	<5	<5	6	<5 <5	10	<5 <5	7	<5 <5	<5 <5	<5	2	<5	14	<5 <5	13	<5 2	10	<5 <5
Average	U	2	12	\3	O	\3	<b>\</b> 3	\3	O	\3	10	\3	,	<b>\</b> 3	\3	\3	2	\3	14	<b>\</b> 3	13	2	10	<b>\</b> 5
											CHROM	IIUM (ug/	L) 1998											
Woole	les f	JAN	leef.	FEB	l m f	MAR	l m f	APR	lm f	MAY	lm f	JUN	l m f	JUL	la f	AUG	lm <b>f</b>	SEP	lm f	OCT	lm f	NOV	lm f	DEC
Week	Inf 9	Eff <5	Inf 7	Eff <5	Inf 7	Eff <5	Inf <5	Eff <5	Inf 58	Eff <5	Inf <5	Eff <5	Inf 13	Eff <5	Inf <5	Eff <5	Inf 16	Eff <5	Inf 7	Eff <5	Inf 12	Eff <5	Inf 13	Eff <5
2	9 14	<5	10	<5	<5	<5 9	<5	<5	6	<5	<5	<5	13	<5	<5 8	<5	12	<5 <5	, <5	<5	11	<5	10	<5 <5
3	11	<5	9	9	10	8	<5	<5	<5	<5	<5	<5	14	<5	14	<5	12	<5	9	<5	15	<5	14	<5
4	15	<5		•	11	<5	<5	<5	<5	<5	<5	<5			12	<5	14	5	12	<5	9	<5	8	<5
Average	12	<5	9	3	7	4	<5	<5	16	<5	<5	<5	13	<5	9	<5	14	1	7	<5	11	<5	11	<5
											CHROM	IIUM (ug/	1) 1000											
		JAN		FEB		MAR		APR		MAY	OTITO	JUN	_, .,,,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	65	<5	8	<5	18	<5	<5	<5	<5	<5	8	<5	7	<5	10	6	<5	<5	<5	<5	<5	<5	<5	<5
2	13	<5	17	<5	9	6	<5	<5	<5	<5	12	<5	<5	<5	14	<5	8	8	<5	<5	<5	<5	7	<5
3	10	<5	12	<5	13	<5	<5	<5	8	<5	11	<5	5	<5	9	<5	<5	<5	<5	<5	<5	<5	7	<5
4 Average	29	<5	9 11	<5 <5	10 13	<5 2	<5 <5	<5 <5	3	<5	<u>6</u> 9	<5 <5	<5 3	<5 <5	14 12	7 3	<5 2	<5 2	<5 <5	<5 <5	<5	<5	7 5	<5 <5
Average	27	<b>\</b> 3	'''	\3	13	2	\3	\3	J	\3	,	\3	J	\3	12	J	2	2	\3	\3	\3	\	J	\3
											CHROM	IIUM (ug/	L) 2000					055						550
Mook	lm£	JAN	lm£	FEB	lm£	MAR	lm <b>f</b>	APR	lm£	MAY		JUN	ŕ	JUL	l m E	AUG	l m f	SEP	la f	OCT	ln f	NOV	l m f	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf 14	Eff	Inf 11	Eff	Inf	JUN Eff	Inf	Eff	Inf 6	Eff	Inf	Eff	Inf 7	Eff	Inf 6	Eff	Inf 15	Eff
1	6	Eff <5	<5	Eff <5	<5	Eff <5	14	Eff <5	11	Eff <5	Inf 12	JUN Eff <5	Inf <5	Eff <5	6	Eff <5	8	Eff <5	7	Eff <5	6	Eff <5	15	Eff <5
		Eff		Eff		Eff		Eff		Eff	Inf	JUN Eff	Inf	Eff		Eff		Eff		Eff		Eff		Eff
1 2	6 8	Eff <5 <5	<5 <5	Eff <5 <5	<5 <5	Eff <5 <5	14 7	Eff <5 <5	11 9	Eff <5 <5	Inf 12 7	JUN Eff <5 <5	Inf <5 <5	Eff <5 <5	6 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5 &lt;5</pre>	8 11	Eff <5 <5	7 13	Eff <5 <5	6 9	Eff <5 <5	15 16	Eff <5 <5
1 2 3	6 8 10	<5 <5 <5	<5 <5 8	<5 <5 <5	<5 <5 <5	<5 <5 <5	14 7	Eff <5 <5	11 9 9	<pre>Eff   &lt;5   &lt;5   &lt;5</pre>	Inf 12 7 8	JUN Eff <5 <5 <5	Inf <5 <5 <5	<pre> Eff   &lt;5   &lt;5   30</pre>	6 <5 9	<pre>Eff   &lt;5   &lt;5   &lt;5</pre>	8 11	Eff <5 <5	7 13 7	<5 <5 <5	6 9 <5	<5 <5 <5	15 16 16	Eff <5 <5 9
1 2 3 4	6 8 10 <5	Eff <5 <5 <5 <5	<5 <5 8 <5	Eff <5 <5 <5 <5	<5 <5 <5 <5	Eff <5 <5 <5 <5	14 7 7	Eff <5 <5 <5	11 9 9 13	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5 &lt;</pre>	Inf 12 7 8 10 9	JUN Eff <5 <5 <5 <5 <5 <5	Inf	<pre>Eff &lt;5 &lt;5 30 &lt;5</pre>	6 <5 9 7	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5 &lt;5</pre>	8 11 11	<pre>Eff   &lt;5   &lt;5   &lt;5 </pre>	7 13 7 <5	Eff <5 <5 <5 <5	6 9 <5 <5	Eff <5 <5 <5 <5	15 16 16 17	Eff <5 <5 9 7
1 2 3 4	6 8 10 <5	Eff <5 <5 <5 <5	<5 <5 8 <5	Eff <5 <5 <5 <5	<5 <5 <5 <5	Eff <5 <5 <5 <5	14 7 7	Eff <5 <5 <5	11 9 9 13	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5 &lt;</pre>	Inf 12 7 8 10 9	JUN Eff <5 <5 <5 <5 <5	Inf	<pre>Eff &lt;5 &lt;5 30 &lt;5</pre>	6 <5 9 7	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5 &lt;5</pre>	8 11 11	<pre>Eff   &lt;5   &lt;5   &lt;5 </pre>	7 13 7 <5	Eff <5 <5 <5 <5	6 9 <5 <5	Eff <5 <5 <5 <5	15 16 16 17	Eff <5 <5 9 7
1 2 3 4	6 8 10 <5	Eff	<5 <5 8 <5 2	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 </pre>	<5 <5 <5 <5 <5	Eff <5 <5 <5 <5 <5	14 7 7 9	<pre>Eff   &lt;5   &lt;5   &lt;5   &lt;5</pre>	11 9 9 13 10	Eff <5 <5 <5 <5 <5	Inf 12 7 8 10 9	JUN Eff <5 <5 <5 <5 <5	Inf	<pre>eff &lt;5 &lt;5 30 &lt;5 7</pre>	6 <5 9 7	Eff <5 <5 <5 <5 <5 <45 <45 <45 <45 <45 <45	8 11 11 10	<pre>Eff   &lt;5   &lt;5   &lt;5   &lt;5</pre>	7 13 7 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 </pre>	6 9 <5 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5     <fb <="" <fb="" tr=""></fb></pre>	15 16 16 17 16	Efff <5 <5 9 7 4 DEC Eff
1 2 3 4 Average	6 8 10 <5 6	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul>	<5 <5 8 <5 2 Inf	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul>	<5 <5 <5 <5 <5	<pre> Eff      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5 </pre>	14 7 7 9 Inf <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     </pre> APR Eff <5	11 9 9 13 10 Inf	Eff	Inf 12 7 8 10 9 CHROM Inf 8	JUN Eff <5 <5 <5 <5 <5 JUN Eff <5	Inf   <5   <5   <5   <5   <5   <5   <5   <	Eff	6 <5 9 7 6 Inf	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5     &lt;5 </pre>	8 11 11 10 Inf 14	<pre></pre>	7 13 7 <5 7	<pre> Eff      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5 </pre>	6 9 <5 <5 <5	<pre> Eff      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5      &lt;5 </pre>	15 16 16 17 16 Inf <5	Efff
1 2 3 4 Average  Week 1 2	6 8 10 <5 6	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;9</li> </ul>	<5 <5 8 <5 2 Inf 16 <5	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul> FEB <ul> <li>Eff</li> </ul> 12 <ul> <li>&lt;5</li> </ul>	<5 <5 <5 <5 <5	Eff	14 7 7 9 Inf <5 <5	<pre></pre>	11 9 9 13 10 Inf 11 <5	Eff <5 <5 <5 <5 <5  MAY Eff <5 <5 <5	Inf  12 7 8 10 9 CHROW Inf 8 11	JUN Eff <5 <5 <5 <5 <5 JUN (ug/ JUN (ug/ JUN Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf  <5 <5 <5 <5 <5 <1 2001  Inf  <5 12	<pre>eff &lt;5 &lt;5 30 &lt;5 7  JUL Eff &lt;5 &lt;5 &lt;5 &lt;5</pre>	6 <5 9 7 6	<pre></pre>	8 11 11 10 Inf 14 7	<pre></pre>	7 13 7 <5 7 Inf 8 <5	<pre></pre>	6 9 <5 <5 <5 Inf 15 <5	<pre></pre>	15 16 16 17 16 16	Efff
1 2 3 4 Average  Week 1 2 3	6 8 10 <5 6 Inf 15 9 <5	Eff  <5 <5 <5 <5  <5  JAN  Eff  32  9  8	<5 <5 8 <5 2 Inf	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul>	<5 <5 <5 <5 <5 Inf <5 9	Eff  <5 <5 <5 <5 <5  <5 <5 <5   MAR Eff  <5 <5 <5 <5	14 7 7 9 Inf <5 <5 <5	Eff <5 <5 <5 <5 APR Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5	Eff <5 <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROM Inf 8 11 9	JUN Eff <5 <5 <5 <5 <5 UN JUN SEff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf   <5   <5   <5   <5   <5   <5   <5   <	Eff	6 <5 9 7 6 Inf 5 6 <5	Eff	8 11 11 10 10 Inf 14 7 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5  SEP     Eff     &lt;5     &lt;5 </pre>	7 13 7 <5 7 Inf 8 <5 6	Eff	6 9 <5 <5 <5 Inf 15 <5 <5	Eff   <5   <5   <5   <5   <5   <5   <5	15 16 16 17 16 16 17 16	Eff  <5 <5 9 7 4  DEC Eff <5 <5 <5 <5 <5
1 2 3 4 Average  Week 1 2 3 4	6 8 10 <5 6 Inf 15 9 <5 16	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21	<5 <5 8 <5 2 Inf 16 <5 <5	Eff  <5 <5 <5 <5 <5  <5 <5 <5 <5 <5 <5  FEB Efff 12 <5 <5	<5 <5 <5 <5 <5 Inf <5 9 7	Eff  <5 <5 <5 <5 <5  MAR Eff  <5 <5  6	14 7 7 9 Inf <5 <5 <5 <5	Eff  <5 <5 <5 <5  APR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5 11 6	Eff <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROW Inf 8 11 9 <5	JUN Eff <5 <5 <5 <5 UN	Inf  <5 <5 <5 <5 <5  L) 2001  Inf  <5 12 11	Eff  <5 <5 30 <5 7  JUL  Eff  <5 <5 <5 <5 <5 <5 <7	6 <5 9 7 6 Inf 5 6 <5 <5	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5  <5  <5  <5  <5  <5  <5  <5	8 11 11 10 Inf 14 7 <5 6	Eff  <5 <5 <5 <5  SEP Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	7 13 7 <5 7 Inf 8 <5 6 8	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	6 9 <5 <5 <5 Inf 15 <5 <5 <5	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16 16 Inf <5 <5 <5 <5	Eff  <5 <5 9 7 4  DEC Eff <5 <5 <5 <5 <5 <5
1 2 3 4 Average  Week 1 2 3	6 8 10 <5 6 Inf 15 9 <5	Eff  <5 <5 <5 <5  <5  JAN  Eff  32  9  8	<5 <5 8 <5 2 Inf 16 <5	<ul> <li>Eff</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> <li>&lt;5</li> </ul> FEB <ul> <li>Eff</li> </ul> 12 <ul> <li>&lt;5</li> </ul>	<5 <5 <5 <5 <5 Inf <5 9	Eff  <5 <5 <5 <5 <5  <5 <5 <5   MAR Eff  <5 <5 <5 <5	14 7 7 9 Inf <5 <5 <5	Eff <5 <5 <5 <5 APR Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5	Eff <5 <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROM Inf 8 11 9	JUN Eff <5 <5 <5 <5 <5 UN JUN SEff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf  <5 <5 <5 <5 <5 <1 2001  Inf  <5 12	<pre>eff &lt;5 &lt;5 30 &lt;5 7  JUL Eff &lt;5 &lt;5 &lt;5 &lt;5</pre>	6 <5 9 7 6 Inf 5 6 <5	Eff	8 11 11 10 10 Inf 14 7 <5	<pre>Eff     &lt;5     &lt;5     &lt;5     &lt;5  SEP     Eff     &lt;5     &lt;5 </pre>	7 13 7 <5 7 Inf 8 <5 6	Eff	6 9 <5 <5 <5 Inf 15 <5 <5	Eff   <5   <5   <5   <5   <5   <5   <5	15 16 16 17 16 16 17 16	Eff  <5 <5 9 7 4  DEC Eff <5 <5 <5 <5 <5
1 2 3 4 Average  Week 1 2 3 4	6 8 10 <5 6 Inf 15 9 <5 16	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21 18	<5 <5 8 <5 2 Inf 16 <5 <5	Eff  <5 <5 <5 <5 <5 <5 <5  4	<5 <5 <5 <5 <5 Inf <5 9 7	Eff  <5 <5 <5 <5  <5  MAR  Eff  <5 <5  2  2	14 7 7 9 Inf <5 <5 <5 <5	Eff  <5 <5 <5  APR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5 11 6	Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7	JUN Eff <5 <5 <5 <5 IIUM (ug/ 5 <5 <5 IIUM (ug/ 5 <5 <5 IIIUM (ug/ 5 <1 IIIUM (ug/ 11 IIIIUM (ug/ 11 IIIIUM (ug/ 11 IIIIIIIII (ug/ 11 IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Inf  <5 <5 <5 <5 <5  L) 2001  Inf  <5 12 11	Eff  <5 <5 <30 <5 7  JUL  Eff <5 <5 <5 <5 <5 <5	6 <5 9 7 6 Inf 5 6 <5 <5	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	8 11 11 10 Inf 14 7 <5 6	Eff	7 13 7 <5 7 Inf 8 <5 6 8	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	6 9 <5 <5 <5 Inf 15 <5 <5 <5	Eff  <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16 16 Inf <5 <5 <5 <5	Eff
1 2 3 4 Average  Week 1 2 3 4 Average	6 8 10 <5 6 Inf 15 9 <5 16	Eff  <5 <5 <5 <5 <5  JAN Eff 32 9 8 21 18	<5 <5 8 <5 2 Inf 16 <5 <5 5	Eff  <5 <5 <5 <5 <5 <5  4  FEB  FEB  FEB  FEB	<5 <5 <5 <5 <5 Inf <5 9 7 11	Eff  <5 <5 <5 <5  <5  MAR  Eff  <5 <5  2  MAR  MAR	14 7 7 9  Inf <5 <5 <5 <5 <5 <5	Eff  <5 <5 <5  APR  Eff  <5 <5 <5  APR  APR  APR	11 9 9 13 10 Inf 11 <5 11 6	Eff <5 <5 <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5  MAY Eff <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5  MAY Eff  MAY  MAY  MAY	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7 CHROM	JUN Eff <5 <5 <5 <5 UN STANDARD STANDAR	Inf  <5 <5 <5 <5 <5 L) 2001  Inf  <5 12 11  8  L) 2002	Eff  <5 <5 <30 <5 7  JUL Eff <5 <5 <5  JUL  JUL  JUL  JUL	6 <5 9 7 6 S S S S S S S S S S S S S S S S S S	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5  AUG AUG AUG AUG AUG AUG	8 11 11 10 10 Inf 14 7 <5 6	Eff	7 13 7 <5 7 Inf 8 <5 6 8 <5	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5  OCT  CT  CT  CT  CT  CT  CT  CT  CT  C	6 9 <5 <5 <5 Inf 15 <5 <5 <5	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5  NOV Eff  <5 <5 <5  NOV Eff  NOV Eff  <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16 16 17 5 <5 <5 <5 <5	Eff
1 2 3 4 Average  Week 1 2 3 4 Average	6 8 10 <5 6 Inf 15 9 <5 16 11	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21 18  JAN Eff	<5 <5 8 <5 2 Inf 16 <5 5 5 Inf	Eff  <5 <5 <5 <5 <5  4  FEB  Eff  12 <5 <5  4  FEB  Eff  Eff  Eff  Eff  FEB  Eff  FEB  Eff  FEB  Eff  FEB  FEB	<5 <5 <5 <5 <5 Inf <5 9 7 11 7	Eff  <5 <5 <5 <5 <5  MAR Eff  <5 <5 <2  MAR Eff  Eff  Eff   MAR Eff	14 7 7 9  Inf <5 <5 <5 <5  Inf	Eff  <5 <5 <5  APR Eff  <5 <5 <5  APR Eff  APR Eff  APR Eff	11 9 9 13 10 Inf 11 <5 11 6 7	Eff <5 <5 <5 <5 <5 <45  MAY Eff <5 <5 <5 <5  MAY Eff  MAY Eff	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7 CHROM	JUN Eff	Inf   <5   <5   <5   <5   <5   <5   <5   <	Eff  <5 <5 <30 <5  7  JUL  Eff  <5 <5 <5  JUL  Eff  Eff	6 <5 9 7 6 S S S S S S S S S S S S S S S S S S	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5  AUG Eff  AUG Eff  AUG Eff  AUG Eff  AUG Eff	8 11 11 10 10 Inf 14 7 <5 6 7	Eff	7 13 7 <5 7 Inf 8 <5 6 8 <5	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5  OCT Eff  OCT Eff  OCT Eff  OCT Eff  OCT Eff	6 9 <5 <5 <5 15 <5 <5 <4	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5  NOV Eff  NOV Eff  Figure 100 Eff  NOV Eff  NOV Eff	15 16 16 17 16 16 1nf <5 <5 <5 <5	Eff
1 2 3 4 Average  Week 1 2 3 4 Average	6 8 10 <5 6 Inf 15 9 <5 16	Eff  <5 <5 <5 <5 <5  JAN Eff 32 9 8 21 18	<5 <5 8 <5 2 Inf 16 <5 <5 5	Eff  <5 <5 <5 <5 <5 <5  4  FEB  FEB  FEB  FEB	<5 <5 <5 <5 <5 Inf <5 9 7 11	Eff  <5 <5 <5 <5  <5  MAR  Eff  <5 <5  2  MAR  MAR	14 7 7 9  Inf <5 <5 <5 <5 <5 <5	Eff  <5 <5 <5  APR  Eff  <5 <5 <5  APR  APR  APR	11 9 9 13 10 Inf 11 <5 11 6	Eff <5 <5 <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5  MAY Eff <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5  MAY Eff  MAY  MAY  MAY	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7 CHROM	JUN Eff <5 <5 <5 <5 UN STANDARD STANDAR	Inf  <5 <5 <5 <5 <5 L) 2001  Inf  <5 12 11  8  L) 2002	Eff  <5 <5 <30 <5 7  JUL Eff <5 <5 <5  JUL  JUL  JUL  JUL	6 <5 9 7 6 S S S S S S S S S S S S S S S S S S	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5  AUG AUG AUG AUG AUG AUG	8 11 11 10 10 Inf 14 7 <5 6	Eff	7 13 7 <5 7 Inf 8 <5 6 8 <5	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5  OCT  CT  CT  CT  CT  CT  CT  CT  CT  C	6 9 <5 <5 <5 Inf 15 <5 <5 <5	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5  NOV Eff  <5 <5 <5  NOV	15 16 16 17 16  Inf <5 <5 <5 <5  Inf 8.3	Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6 8 10 <5 6 Inf 15 9 <5 16 11	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21 18  JAN Eff  <5	<5 <5 8 <5 2 Inf 16 <5 5 5 Inf <5	Eff  <5 <5 <5 <5 <5  4  FEB Eff  12 <5 <5  4  FEB Eff  <5 <5	<5 <5 <5 <5 <5   Inf   6.8	Eff  <5 <5 <5 <5 <5  MAR Eff  <5 <5 <2  MAR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	14 7 7 9 Inf <5 <5 <5 <5 Inf <5 <	Eff  <5 <5 <5  APR Eff  <5 <5 <5  APR Eff  <5 <5 <5 <5 <5  APR  Eff  <5 <5 <5 <5 <5  APR  APR  APR  APR  APR  APR  APR  AP	11 9 9 13 10 Inf 11 <5 11 6 7	Eff <5 <5 <5 <5 <5  MAY Eff <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROM Inf 8 11 9 <5 7 CHROM Inf 9,1	JUN Eff	Inf   <5   <5   <5   <5   <5   <5   <5   <	Eff  <5 <5 <30 <5  7  JUL  Eff  <5 <5  <5  JUL  Eff  <5 <5	6 <5 9 7 6 S S S S S S S S S S S S S S S S S S	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	8 11 11 10 10 Inf 14 7 <5 6 7	Eff  <5 <5 <5 <5  SEP Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	7 13 7 <5 7 Inf 8 <5 6 8 <5 1	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	6 9 <5 <5 <5 <5 <4 href="#">	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16 16 1nf <5 <5 <5 <5	Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	6 8 10 <5 6 Inf 15 9 <5 16 11	Eff  <5 <5 <5 <5 <5  JAN Eff  32 9 8 21 18  JAN Eff  <5 <5 <5	<5 <5 8 <5 2 Inf 16 <5 5 Inf <5 <5	Eff  <5 <5 <5 <5 <5  FEB Eff  12 <5 <5  4  FEB Eff  <5 <5	<5 <5 <5 <5 <5 <5 Inf <5 9 7 11 7	Eff  <5 <5 <5 <5 <5  MAR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	14 7 7 9 Inf <5 <5 <5 <5 <5 <7  Inf <5 9.7	Eff  <5 <5 <5  APR Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	11 9 9 13 10 Inf 11 <5 11 6 7	Eff <5 <5 <5 <5 <5  MAY Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf 12 7 8 10 9 CHROW Inf 8 11 9 <5 7 CHROW Inf 9.1 7.8	JUN Eff <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	Inf   <5   <5   <5   <5   <5   <5   <5   <	Eff  <5 <5 <30 <5  7  JUL  Eff  <5 <5  <5  JUL  Eff  <5  7  JUL  Eff	6 <5 9 7 6 6 Inf 5 6 <5 <5 3 Inf <5 8.0	Eff  <5 <5 <5 <5 <5  AUG Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	8 11 11 10 10 Inf 14 7 <5 6 7	Eff  <5 <5 <5 <5  SEP Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	7 13 7 <5 7 Inf 8 <5 6 8 <5 6	Eff  <5 <5 <5 <5 <5  OCT Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	6 9 <5 <5 <5 15 <5 <5 4 Inf 9.3 6.5	Eff  <5 <5 <5 <5 <5  NOV Eff  <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5 <5	15 16 16 17 16  Inf <5 <5 <5 <5  Inf 8.3 7.2	Eff

											COPPI	ER (ug/L	) 1997											
		JAN		FEB		MAR		APR		MAY		JUN	,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	2	60	95	49	69	27	121	69	166	108	169	115	139	72	166	123	100	145	89	37	87	54	165	306
2	73	33	117	67	77	26	128	79	207	68	127	64	115	83	123	99	92	39	76	60	117	53	118	103
3	67	26	102	48	69	39	113	45	151	21	135	80	116	52	65	54	93	64	87	87	61	43	135	95
4 Average	79 55	48 42	112 107	46 53	131 87	28 30	121	64	108 158	45 61	166 149	234 123	104 119	63 68	64 105	151 107	95	83	94 87	29 53	130 99	59 52	124 136	100 151
Average	55	42	107	33	07	30	121	04	130	01	149	123	119	00	105	107	90	03	07	55	99	32	130	131
											COPPI	ER (ug/L	) 1998			•		055						550
\A/ I-	16	JAN	16	FEB	I E	MAR	16	APR	16	MAY	16	JUN	16	JUL	16	AUG	16	SEP	16	OCT	16	NOV	16	DEC
Week 1	Inf 97	Eff 198	Inf 99	Eff 31	Inf 75	Eff 48	Inf 74	Eff 56	Inf 192	Eff 51	Inf 88	Eff 46	122	Eff 62	Inf 96	Eff 82	132	Eff 48	Inf 81	Eff 58	Inf 121	Eff 49	Inf 107	Eff
2	97 117	66	129	36	75 165	40	111	38	85	18	00 76	40	122	62 57	96 93	62 69	108	46 58	87	45	114	49 41	116	68 44
3	159	59	126	63	98	49	101	96	131	27	100	30	94	35	137	48	150	55	111	29	95	30	127	74
4	114	28	.20	00	103	49	89	70	92	43	142	222	, ,	00	113	32	129	29	104	16	83	29	113	21
Average	122	88	118	43	110	47	94	65	125	35	102	85	113	51	110	58	130	48	96	37	103	37	116	52
											COPPI	ER (ug/L	۱ 1000											
		JAN		FEB		MAR		APR		MAY	COLL	JUN	.) 1777	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	96	60	97	98	159	75	117	46	149	55	103	72	133	64	99	44	118	45	108	75	136	73	93	31
2	119	88	110	40	156	43	88	40	133	45	129	70	133	159	143	24	169	60	104	72	137	53	116	120
3	90	29	91	65	121	40	112	70	246	124	178	45	167	58	107	117	116	34	130	33	142	46	97	31
4	100		120	66	106	37	82	46			119	33	128	56	96	38	235	155	131	115	400		112	68
Average	102	59	105	67	136	49	100	51	176	75	132	55	140	84	111	56	160	74	118	74	138	57	105	63
											COPPI	ER (ug/L	) 2000											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	150	49	158	58	206	47	88	32	215	45	203	95 122	156	199	156	52	280	74	137	60	209	106	167	155
2 3	153 115	60 47	125 157	51 73	154 164	72 56	185 198	29 93	219 131	59 41	139 147	133 53	73 210	213 366	191 162	133 48	192 133	56 39	291 217	66 149	215 137	150 83	135 204	67 58
4	127	75	107	57	180	79	170	73	169	120	250	52	197	98	174	66	133	37	201	85	188	147	157	51
Average	136	58	137	60	176	64	157	51	184	66	185	83	159	219	171	75	202	56	212	90	187	122	166	83
· ·											CODD	ED (/I	) 2001											
		JAN		FEB		MAR		APR		MAY	COPPI	ER (ug/L JUN	.) 2001	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	193	114	185	98	174	121	223	99	152	63	165	226	160	90	185	79	253	73	329	63	129	26	196	84
2	202	141	158	205	162	61	168	90	178	177	268	69	164	68	327	185	138	70	234	121	169	110	181	81
3	194	93	197	157	204	127	177	84	192	163	207	95	178	159	323	174	274	149	122	256	109	94	198	91
4		440			165	വാ	185	88	270	102	131	88			157	141	197	176	218	91	162	109	185	85
	186	112				92																		
Average	186 194	112	180	153	176	100	188	90	198	126	193	120	167	106	248	145	216	117	226	133	142	85	190	85
			180	153							193			106	248	145	216	117					190	85
Average	194	115 JAN		FEB	176	100 MAR	188	90 APR	198	126 MAY	193 COPPI	120 ER (ug/L JUN	) 2002	JUL		AUG		SEP	226	133 OCT	142	85 NOV		DEC
Average Week	194 Inf	JAN Eff	Inf	FEB Eff	176 Inf	100 MAR Eff	188 Inf	90 APR Eff	198 Inf	126 MAY Eff	193 COPPI Inf	120 ER (ug/L JUN Eff	) 2002 Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	226 Inf	133 OCT Eff	142 Inf	85 NOV Eff	Inf	DEC Eff
Average  Week	194 Inf 140	JAN Eff 49	Inf 126	FEB Eff 42	176 Inf 256	MAR Eff 185	188 Inf 156	90 APR Eff 59	198 Inf 130	126 MAY Eff 39	193 COPPI Inf 139	120 ER (ug/L JUN Eff 107	) 2002 Inf 174	JUL Eff 115	Inf 120	AUG Eff 39	Inf 117	SEP Eff 44	226 Inf 127	133 OCT Eff 51	142 Inf 202	NOV Eff 38	Inf 159	DEC Eff 60
Average  Week 1 2	194 Inf 140 194	JAN Eff 49 49	Inf 126 223	FEB Eff 42 72	176 Inf 256 243	100 MAR Eff 185 45	188 Inf 156 161	90 APR Eff 59 46	198 Inf 130 190	126 MAY Eff 39 101	193 COPPI Inf 139 139	120 ER (ug/L JUN Eff 107 76	) 2002 Inf 174 252	JUL Eff 115 67	Inf 120 144	AUG Eff 39 65	Inf 117 156	SEP Eff 44 219	226 Inf 127 179	133 OCT Eff 51 89	142 Inf 202 199	85 NOV Eff 38 134	Inf 159 159	DEC Eff 60 89
Average  Week	194 Inf 140	JAN Eff 49	Inf 126	FEB Eff 42	176 Inf 256	MAR Eff 185	188 Inf 156	90 APR Eff 59	198 Inf 130	126 MAY Eff 39	193 COPPI Inf 139	120 ER (ug/L JUN Eff 107	) 2002 Inf 174	JUL Eff 115	Inf 120	AUG Eff 39	Inf 117	SEP Eff 44	226 Inf 127	133 OCT Eff 51	142 Inf 202	NOV Eff 38	Inf 159	DEC Eff 60
Week 1 2 3	194 Inf 140 194	JAN Eff 49 49	Inf 126 223 140	FEB Eff 42 72 154	176 Inf 256 243 144	100 MAR Eff 185 45 122	188 Inf 156 161 135	90 APR Eff 59 46 45	198 Inf 130 190	126 MAY Eff 39 101	193 COPPI Inf 139 139 143	120 ER (ug/L JUN Eff 107 76 41	Inf 174 252 231	JUL Eff 115 67 29	Inf 120 144 197	AUG Eff 39 65 75	Inf 117 156 119	SEP Eff 44 219 76	226 Inf 127 179 143	133 OCT Eff 51 89 78	142 Inf 202 199	85 NOV Eff 38 134	Inf 159 159 143	DEC Eff 60 89 45

											LEA	) (ug/L)	1997												
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	
1	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	
2	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	
3	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	26	<18	
4	<18	<18	<18	<18	<18	<18 <18	.10	.10	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18 <18	<18 7	<18	
Average	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	/	<18	
		JAN		FEB		MAR		APR		MAY	LEA	O (ug/L) JUN	1998	JUL		AUG		SEP		OCT		NOV		DEC	
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	
1	<18	<18	<18	<18	<18	<18	<18	25	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	
2	<18	<18	<18	<18	29	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	
3	<18	<18	<18	<18	19	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	46	<18	<18	<18	<18	
4	<18	<18			41	<18	28	<18	<18	<18	<18	<18			<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	
Average	<18	<18	<18	<18	22	<18	7	6	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	12	<18	<18	<18	<18	
											LEA	) (ug/L)	1999												
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC	
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	
1	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	
2	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	
3 4	<18	<18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18	<18	<18 <18	<18 <18	<18 26	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18 <18	<18	<18	<18 <18	<18 <18	
Average	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	6	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	<18	
													-												
		IAN		FFR		MAR		APR		MAY	LEA	O (ug/L)	2000	11.11		AUG		SEP		OCT		NOV		DEC	
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff		O (ug/L) JUN Eff	2000 Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff	
Week	Inf <18		Inf <18		Inf <18		Inf <18	APR Eff <18	Inf <18	MAY Eff <18	LEAI Inf <18	JŬN			Inf <18		Inf <18		Inf <18	OCT Eff <18	Inf <18	NOV Eff <18		Eff	
		Eff		Eff		Eff		Eff	Inf <18 <18	Eff	Inf	JUN É	Inf	Eff		Eff		Eff		Eff		Eff	Inf <18 <18		
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1 2	<18 <18 <18 <18	<18 <18 <18 <18	<18 <18 <18 <18	Eff <18 <18 <18 <18	<18 <18 <18 <18	Eff <18 <18 <18 <18	<18 <18 <18	Eff <18 <18 <18	<18 <18 <18 <18	<18 <18 <18 <18	Inf <18 <18 <18 <18	JUN Eff <18 <18 <18 <18 <18	Inf <18 <18 <18 <18	Eff <18 <18 <18 <18	<18 <18 <18 <18	<18 <18 <18 <18	<18 <18 <18	<18 <18 <18	<18 <18 <18 <18	<18 <18 <18 <18	<18 <18 <18 <18	<18 <18 <18 <18	<18 <18 <18 <18	<pre>Eff &lt;18 &lt;18 &lt;18 &lt;18</pre>	
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1 2 3 4	<18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18	Eff <18 <18 <18	<18 <18 <18 <18	Eff <18 <18 <18 <18 <18	Inf <18 <18 <18 <18	JUN Eff <18 <18 <18 <18 <18	Inf <18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18	Eff <18 <18 <18 <18	<18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18	Eff <18 <18 <18 <18 <18	
1 2 3 4 Average	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18	<pre> Eff   &lt;18   &lt;18   &lt;18   &lt;18   </pre>	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18	Inf <18 <18 <18 <18 <18	JUN Eff <18 <18 <18 <18 <18 O (ug/L) JUN	Inf <18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18	<pre>Eff &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 </pre>	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18 <18 <dec< td=""></dec<>	
1 2 3 4 Average	<18 <18 <18 <18 <18	<pre>Eff &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 <th <="" before="" color="" pre=""></th></pre>		<18 <18 <18 <18 <18	<pre></pre>	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18 <18 <fi>MAR Eff</fi>	<18 <18 <18 <18	<pre> Eff   &lt;18   &lt;18   &lt;18   &lt;18   <apr eff<="" pre=""></apr></pre>	<18 <18 <18 <18 <18	<pre>Eff &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 <fi>MAY Eff</fi></pre>	Inf <18 <18 <18 <18 <18 Inf	JUN Eff <18 <18 <18 <18 <18 O (ug/L) JUN Eff	Inf <18 <18 <18 <18 <18 <18 <18 Inf	<pre>Eff &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 </pre>	<18 <18 <18 <18 <18	<pre></pre>	<18 <18 <18 <18	<pre></pre>	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18 <18 <18 <18 <fi>Contact &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 &lt;18</fi>	<18 <18 <18 <18 <18	<pre>Eff &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 &lt;18 <nov eff<="" pre=""></nov></pre>	<18 <18 <18 <18 <18	Eff <18 <18 <18 <18 <18 <18  DEC Eff
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											NICKE	EL (ug/L)	1997											
		JAN		FEB		MAR		APR		MAY		JUN ´		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<14	<14	18	<14	25	<14	<14	<14	<14	<14	<14	<14	<14	<14	22	20	<14	<14	<14	16	17	<14	<14	<14
2	<14	<14	20	19	18	<14	<14	<14	<14	<14	24	<14	<14	<14	23	22	28	<14	<14	18	<14	<14	18	<14
3	<14	<14	20	<14	<14	<14	<14	<14	<14	<14	24	<14	<14	<14	<14	<14	20	<14	<14	<14	<14	<14	<14	<14
4	<14	<14	<14	<14	<14	17			<14	<14	17	<14	<14	<14	<14	<14			32	<14	<14	17	<14	<14
Average	<14	<14	15	5	11	4	<14	<14	<14	<14	16	<14	<14	<14	11	11	<14	<14	8	9	4	4	5	<14
											NICKE	EL (ug/L)	1998											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	29	20	<14	<14	29	<14	<14	<14
2	19	<14	<14	<14	21	<14	31	<14	<14	<14	<14	<14	<14	<14	<14	<14	26	<14	<14	<14	<14	<14	<14	<14
3	20	<14	<14	<14	17	<14	<14	<14	18	<14	<14	<14	<14	<14	<14	<14	<14	<14	22	<14	31	<14	<14	<14
4 Average	<14 10	<14 <14	<14	<14	<14 10	<14 <14	16 12	<14 <14	14 8	<14 <14	<14 <14	<14 <14	<14	<14	20 5	<14 <14	<14 14	17 9	<14 6	<14 <14	25 21	<14	<14	<14 <14
Average	10	< 14	< 14	< 14	10	< 14	12	< 14	0	<14	< 14	<14	< 14	<14	5	< 14	14	9	0	<14	21	<14	< 14	< 14
											NICKE	EL (ug/L)	1999											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	45	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	20	<14	<14	<14	<14	<14	<14	<14	20	<14
2	<14	<14 <14	<14	<14	<14	<14	<14	<14	<14	<14 <14	16	<14 <14	<14	<14 <14	<14	<14 <14	<14	<14	<14	<14	<14 <14	<14 <14	27	<14
3 4	<14	<14	<14 <14	<14 <14	<14 <14	<14 <14	<14 17	<14 <14	<14	<14	<14 17	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 15	<14 <14	<14 <14	<14	<14	21 <14	<14 29
Average	15	<14	<14	<14	<14	<14	4	<14	<14	<14	8	<14	<14	<14	5	<14	<14	4	<14	<14	<14	<14	17	7
Average	13	114	×14	\ I T	\14	×14	7	\1 <del>1</del>	×14	\1 <del>1</del>	O	\1 <del>1</del>	117	114	3	114	114	7	117	114	117	117	17	,
											NICKE	EL (ug/L)	2000											
M1-	16	JAN	16	FEB	16	MAR	16	APR	16	MAY	16	JUN	16	JUL	16	AUG	16	SEP	16	OCT	I E	NOV	16	DEC
Week	Inf	Eff	Inf	Eff	Inf <14	Eff <14	Inf <14	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf 19	<14	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	<14 <14	<14	<14			< 14	< 1.4						10	10			<14	<14		1.4	1.4	1 1	<14	
			-11	<14				19 -14	15	<14	<14	<14	19 16	19 10			-11		15 20	<14	<14	<14		<14
1 3		<14 <14	<14	<14	<14	<14	<14	<14	<14	<14	<14	<14	16	19	31	72	<14 <14	<14	30	<14	<14	<14	<14	<14
3 4	<14	<14	<14	<14 <14	<14 <14	<14 <14			<14 19	<14 24	<14 <14	<14 <14	16 <14	19 26	31 34	72 33	<14 <14		30 <14	<14 <14	<14 <14	<14 <14	<14 <14	<14 <14
4	<14 <14			<14	<14	<14	<14	<14	<14	<14	<14	<14	16	19	31	72	<14	<14 <14	30	<14	<14	<14	<14	<14 <14 <14
	<14	<14 <14	<14 <14	<14 <14 <14	<14 <14 <14	<14 <14 16	<14 16	<14 <14	<14 19 19	<14 24 <14	<14 <14 15	<14 <14 <14	16 <14 16	19 26 <14	31 34 26	72 33 <14		<14	30 <14 <14	<14 <14 <14	<14 <14 <14	<14 <14 <14	<14 <14 <14	<14 <14
4	<14 <14	<14 <14 <14	<14 <14	<14 <14 <14 <14	<14 <14 <14	<14 <14 16 4	<14 16	<14 <14	<14 19 19	<14 24 <14 6	<14 <14 15 4	<14 <14 <14 <14 EL (ug/L)	16 <14 16	19 26 <14 16	31 34 26	72 33 <14 26	<14	<14 <14 <14	30 <14 <14	<14 <14 <14 <14	<14 <14 <14	<14 <14 <14 <14	<14 <14 <14	<14 <14 <14 <14
4 Average	<14 <14 <14	<14 <14 <14 JAN	<14 <14 <14	<14 <14 <14 <14 FEB	<14 <14 <14 <14	<14 <14 16 4	<14 16 5	<14 <14 6 APR	<14 19 19 13	<14 24 <14 6	<14 <14 15 4 NICKE	<14 <14 <14 <14 EL (ug/L) JUN	16 <14 16 13 2001	19 26 <14 16	31 34 26 28	72 33 <14 26	<14	<14 <14 <14 SEP	30 <14 <14 11	<14 <14 <14 <14 OCT	<14 <14 <14 <14	<14 <14 <14 <14 NOV	<14 <14 <14 <14	<14 <14 <14 <14 DEC
4 Average Week	<14 <14 <14	<14 <14 <14 JAN Eff	<14 <14 <14	<14 <14 <14 <14 FEB	<14 <14 <14 <14	<14 <14 16 4 MAR Eff	<14 16 5	<14 <14 6 APR Eff	<14 19 19 13	<14 24 <14 6 MAY Eff	<14 <14 15 4 NICKE	<14 <14 <14 <14 EL (ug/L) JUN Eff	16 <14 16 13 2001 Inf	19 26 <14 16 JUL Eff	31 34 26 28	72 33 <14 26 AUG Eff	<14 <14	<14 <14 <14 SEP Eff	30 <14 <14 11	<14 <14 <14 <14 OCT Eff	<14 <14 <14 <14	<14 <14 <14 <14 NOV Eff	<14 <14 <14 <14	<14 <14 <14 <14 DEC Eff
4 Average  Week 1	<14 <14 <14 Inf <14	<14 <14 <14 JAN Eff 22	<14 <14 <14 Inf	<14 <14 <14 <14 FEB Eff <14	<14 <14 <14 <14 <14	<14 <14 16 4 MAR Eff <14	<14 16 5 Inf <14	<14 <14 6 APR Eff 17	<14 19 19 13 Inf <14	<14 24 <14 6 MAY Eff <14	<14 <14 15 4 NICKE Inf <14	<14 <14 <14 <14 EL (ug/L) JUN Eff <14	16 <14 16 13 2001 Inf	19 26 <14 16 JUL Eff <14	31 34 26 28 Inf <14	72 33 <14 26 AUG Eff <14	<14 <14 Inf <14	<14 <14 <14 SEP Eff <14	30 <14 <14 11 Inf <14	<14 <14 <14 <14 OCT Eff <14	<14 <14 <14 <14 <14	<14 <14 <14 <14 NOV Eff <14	<14 <14 <14 <14 <14	<14 <14 <14 <14 DEC Eff <14
4 Average  Week 1 2	<14 <14 <14 Inf <14 <14	<14 <14 <14 JAN Eff 22 15	<14 <14 <14 Inf 17 <14	<14 <14 <14 <14 FEB Eff <14 <14	<14 <14 <14 <14 Inf <14 <14	<14 <14 16 4 MAR Eff <14 <14	<14 16 5 Inf <14 <14	<14 <14 6 APR Eff 17 <14	<14 19 19 13 Inf <14 <14	<14 24 <14 6 MAY Eff <14 <14	<14 <14 15 4 NICKE Inf <14 <14	<14 <14 <14 <14 EL (ug/L) JUN Eff <14 <14	16 <14 16 13 2001 Inf 15 29	19 26 <14 16 JUL Eff <14 <14	31 34 26 28 Inf <14 <14	72 33 <14 26 AUG Eff <14 <14	<14 <14 <inf <14="" <14<="" td=""><td>&lt;14 &lt;14 &lt;14 SEP Eff &lt;14 &lt;14</td><td>30 &lt;14 &lt;14 11 11 Inf &lt;14 &lt;14</td><td>&lt;14 &lt;14 &lt;14 &lt;14 OCT Eff &lt;14 &lt;14</td><td>&lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14</td><td>&lt;14 &lt;14 &lt;14 &lt;14  NOV Eff &lt;14 &lt;14</td><td>&lt;14 &lt;14 &lt;14 &lt;14 &lt;14 Inf &lt;14 &lt;14</td><td>&lt;14 &lt;14 &lt;14 &lt;14 DEC Eff &lt;14 &lt;14</td></inf>	<14 <14 <14 SEP Eff <14 <14	30 <14 <14 11 11 Inf <14 <14	<14 <14 <14 <14 OCT Eff <14 <14	<14 <14 <14 <14 <14 <14	<14 <14 <14 <14  NOV Eff <14 <14	<14 <14 <14 <14 <14 Inf <14 <14	<14 <14 <14 <14 DEC Eff <14 <14
Week 1 2 3	<14 <14 <14 Inf <14 <14 <14	<14 <14 <14 JAN Eff 22 15 <14	<14 <14 <14 Inf	<14 <14 <14 <14 FEB Eff <14	<14 <14 <14 <14 <14  Inf <14 <14 <14 <14	<14 <14 16 4 MAR Eff <14 <14 <14	<14 16 5 Inf <14 <14 <14	<14 <14 6 APR Eff 17 <14 <14	<14 19 19 13 Inf <14 <14 <14	<14 24 <14 6 MAY Eff <14 <14 <14	<14 <14 15 4 NICKE Inf <14 <14 <14	<14 <14 <14 <14 EL (ug/L) JUN Eff <14 <14 <14	16 <14 16 13 2001 Inf	19 26 <14 16 JUL Eff <14	31 34 26 28 Inf <14 <14 <14	72 33 <14 26 AUG Eff <14 <14 <14	<14 <14 <14 Inf <14 <14 18	<14 <14 <14 SEP Eff <14 <14 <14	30 <14 <14 11 11 Inf <14 <14 <14	<14 <14 <14 <14 OCT Eff <14 <14 <14	<14 <14 <14 <14 <14 Inf <14 <14 <14	<14 <14 <14 <14  NOV Eff <14 <14 <14 <14	<14 <14 <14 <14 Inf <14 <14 <14	<14 <14 <14 <14 DEC Eff <14 <14 <14
Week 1 2 3 4	<14 <14 <14 <14 <14 <14 <14	<14 <14 <14 JAN Eff 22 15 <14 <14	<14 <14 <14 Inf 17 <14 21	<14 <14 <14 <14 FEB Eff <14 <14	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 16 4 MAR Eff <14 <14 <14	<14 16 5 Inf <14 <14 <14 <14	<14 <14 6 APR Eff 17 <14 <14 <14	<14 19 19 13  Inf <14 <14 <14 <14 <14	<14 24 <14 6  MAY Eff <14 <14 <14 <14	<14 <14 15 4 NICKE Inf <14 <14 <14	<14 <14 <14 <14 EL (ug/L) JUN Eff <14 <14 <14	16 <14 16 13 2001 Inf 15 29 <14	19 26 <14 16 JUL Eff <14 <14	31 34 26 28 Inf <14 <14 <14	72 33 <14 26 AUG Eff <14 <14 <14 <14	<14 <14 <14 <14 <14 <18 <14	<14 <14 <14 SEP Eff <14 <14 <14 <14	30 <14 <14 11 Inf <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14 <14 OCT Eff <14 <14 <14 <14	<14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14 <14  NOV Eff <14 <14 <14 <14 <14	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14 <14 DEC Eff <14 <14 <14 <14
Week 1 2 3	<14 <14 <14 Inf <14 <14 <14	<14 <14 <14 JAN Eff 22 15 <14	<14 <14 <14 Inf 17 <14	<14 <14 <14 <14 FEB Eff <14 <14	<14 <14 <14 <14 <14  Inf <14 <14 <14 <14	<14 <14 16 4 MAR Eff <14 <14 <14	<14 16 5 Inf <14 <14 <14	<14 <14 6 APR Eff 17 <14 <14	<14 19 19 13 Inf <14 <14 <14	<14 24 <14 6 MAY Eff <14 <14 <14	<14 <14 15 4 NICKE Inf <14 <14 <14	<14 <14 <14 <14 EL (ug/L) JUN Eff <14 <14 <14	16 <14 16 13 2001 Inf 15 29	19 26 <14 16 JUL Eff <14 <14	31 34 26 28 Inf <14 <14 <14	72 33 <14 26 AUG Eff <14 <14 <14	<14 <14 <14 Inf <14 <14 18	<14 <14 <14 SEP Eff <14 <14 <14	30 <14 <14 11 11 Inf <14 <14 <14	<14 <14 <14 <14 OCT Eff <14 <14 <14	<14 <14 <14 <14 <14 Inf <14 <14 <14	<14 <14 <14 <14  NOV Eff <14 <14 <14 <14	<14 <14 <14 <14 Inf <14 <14 <14	<14 <14 <14 <14 DEC Eff <14 <14 <14
Week 1 2 3 4	<14 <14 <14 <14 <14 <14 <14	<14 <14 <14 JAN Eff 22 15 <14 <14	<14 <14 <14 Inf 17 <14 21	<14 <14 <14 <14 <14 FEB Eff <14 <14 <14	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 16 4  MAR Eff <14 <14 <14 <14 <14 <14	<14 16 5 Inf <14 <14 <14 <14	<14 <14 6 APR Eff 17 <14 <14 <14	<14 19 19 13  Inf <14 <14 <14 <14	<14 24 <14 6  MAY Eff <14 <14 <14 <14	<14 <14 15 4 NICKE Inf <14 <14 <14 <14	<14 <14 <14 <14 <14 <14 <14  EL (ug/L) JUN Eff <14 <14 <14 <14 <14 <14 <14 <14 <14 <14	16 <14 16 13 2001 Inf 15 29 <14 15	19 26 <14 16 JUL Eff <14 <14	31 34 26 28 Inf <14 <14 <14	72 33 <14 26 AUG Eff <14 <14 <14 <14	<14 <14 <14 <14 <14 <18 <14	<14 <14 <14 SEP Eff <14 <14 <14 <14	30 <14 <14 11 Inf <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14  OCT Eff <14 <14 <14 <14 <14	<14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14 <14  NOV Eff <14 <14 <14 <14 <14	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14  DEC Eff <14 <14 <14 <14 <14 <14
Week 1 2 3 4 Average	<14 <14 <14 Inf <14 <14 <14 <14	<14 <14 <14 JAN Eff 22 15 <14 <14 9	<14 <14 <14 	<14 <14 <14 <14 <14 FEB Eff <14 <14 <14 FEB	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 16 4  MAR Eff <14 <14 <14 <14 <14 <14  MAR	<14 16 5 Inf <14 <14 <14 <14	<14 <14 6 APR Eff 17 <14 <14 <14 4	<14 19 19 13  Inf <14 <14 <14 <14 <14	<14 24 <14 6  MAY Eff <14 <14 <14 <14  MAY	<14 <14 15 4 NICKE Inf <14 <14 <14 <14 <14 NICKE	<14 <14 <14 <14 <14 <14  EL (ug/L) JUN Eff <14 <14 <14 <14 <14 <14 JUN EL (ug/L) JUN ETI EL (ug/L) JUN	16 <14 16 13 2001 Inf 15 29 <14 2002	19 26 <14 16    JUL Eff <14 <14 <14   <14   JUL <14   JUL String    JUL String   JUL String     JUL String     JUL String     JUL String     JUL	31 34 26 28 Inf <14 <14 <14 <14	72 33 <14 26 AUG Eff <14 <14 <14 <14 AUG	<14 <14 <14 <114 <114 <118 <14 5	<14 <14 <14 SEP Eff <14 <14 <14 <14	30 <14 <14 11 11 Inf <14 <14 <14 <14 <14	<14 <14 <14 <14  OCT Eff <14 <14 <14 <14  OCT  OCT  OCT  OCT  OCT  OCT  OCT  OC	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14 <14  NOV Eff <14 <14 <14 <14 <nov< td=""><td>&lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14</td><td>&lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14</td></nov<>	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14
Week 1 2 3 4 Average Week	<14 <14 <14 	<14 <14 <14 JAN Eff 22 15 <14 <14 9 JAN Eff	<14 <14 <14 Inf 17 <14 21 13	<14 <14 <14 <14 <14 <14 <14  FEB Eff <14 <14 <14  FEB Eff Eff Eff Eff Eff Eff Eff Eff Eff E	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 16 4  MAR Eff <14 <14 <14 <14 <14 <14  MAR Eff	<14 16 5 	<14 <14 6 APR Eff 17 <14 <14 <14 4 APR Eff	<14 19 19 13  Inf <14 <14 <14 <14 <14 <14 <16 <17 <18 <18 <18 <18 <18 <18 <18 <18 <18 <18	<14 24 <14 6  MAY Eff <14 <14 <14 <14  MAY Eff	<14 <14 15 4 NICKE Inf <14 <14 <14 <14 <14 NICKE Inf	<14 <14 <14 <14 <14  EL (ug/L) JUN Eff <14 <14 <14 <14 <14 <14 <10 JUN EL (ug/L)  JUN EFF  EL (ug/L)  JUN EFF	16 <14 16 13 2001 Inf 15 29 <14 15 2002 Inf	19 26 <14 16 16 JUL Eff <14 <14 <14 JUL Eff ff	31 34 26 28 Inf <14 <14 <14 <14	72 33 <14 26 AUG Eff <14 <14 <14 <14 AUG Eff	<14 <14 <14 <14 <14 <18 <14 <15 <16 <17 <18 <18 <18 <18 <18 <18 <18 <18 <18 <18	<14 <14 <14 SEP Eff <14 <14 <14 <14 <14 SEP Eff	30 <14 <14 11 11 Inf <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14  OCT Eff <14 <14 <14 <14 <14  OCT Eff  CT Eff	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14 <14  NOV Eff <14 <14 <14 <14 <nov <18="" <19="" <19<="" eff="" td=""><td>&lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14</td><td>&lt;14 &lt;14 &lt;14 &lt;14  DEC Eff &lt;14 &lt;14 &lt;14 &lt;14 &lt;14 &lt;14  DEC Eff  DEC Eff  DEC Eff  DEC Eff</td></nov>	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14  DEC Eff <14 <14 <14 <14 <14 <14  DEC Eff  DEC Eff  DEC Eff  DEC Eff
Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 JAN Eff 22 15 <14 <14 9 JAN Eff <14	<14 <14 <14 17 <14 21 13 Inf <14	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 16 4  MAR Eff <14 <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 16 5 Inf <14 <14 <14 <14 <14	<14 <14 6 APR Eff 17 <14 <14 <14 4 APR Eff <14	<14 19 19 13  Inf <14 <14 <14 <14 <14 <14 <14	<14 24 <14 6  MAY Eff <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 15 4 NICKE Inf <14 <14 <14 <14 <14 NICKE Inf <14 <14 <14 <14 <14 <14 <14 <14 <14	<14 <14 <14 <14 <14  EL (ug/L) JUN Eff <14 <14 <14 <14 <14 <14 <14 <14 <14 <14	16 <14 16 13 2001 Inf 15 29 <14 15 2002 Inf <14	19 26 <14 16 16 JUL Eff <14 <14 <14 JUL Eff <14 <14 <14 <14 JUL Eff <14 III STAN STAN STAN STAN STAN STAN STAN STAN	31 34 26 28 Inf <14 <14 <14 <14 <14	72 33 <14 26 AUG Eff <14 <14 <14 <14 AUG Eff <14	<14 <14 <14 <14 <14 <18 <14 <5							

											MERCL	JRY (ug/I	) 1997											
		JAN		FEB		MAR		APR		MAY		JUN	_,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<0.27	<0.27	0.50	<0.27	<0.27	<0.27	<0.27	<0.27	0.40	<0.27	0.27	<0.27	<0.27	<0.27	0.32	<0.27	<0.27	<0.27	0.33	<0.27	0.32	<0.27	0.48	<0.27
2	<0.27	<0.27	0.36	<0.27	<0.27	<0.27	0.52	0.32	0.37	<0.27	NA O 44	NA 0.27	0.57	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.46	<0.27
3 4	0.53 0.32	0.38 <0.27	0.48 0.38	0.38 <0.27	<0.27 <0.27	<0.27 <0.27	0.53	0.40	0.38 0.41	<0.27 <0.27	0.44 <0.27	<0.27 <0.27	0.55 0.58	<0.27 <0.27	<0.27 0.36	<0.27 <0.27	0.39	<0.27	<0.27 0.47	<0.27 <0.27	<0.27 0.70	<0.27 <0.27	<0.27 <0.27	<0.27 <0.27
Average		<0.27	0.43	0.10	<0.27	<0.27	0.35	0.24	0.39	<0.27	0.24	<0.27	0.43	<0.27	0.08	<0.27	0.13	<0.27	0.47	<0.27	0.70	<0.27	0.24	<0.27
Average	0.21	10.27	0.43	0.10	10.27	10.27	0.55	0.24	0.37	10.27	0.24	\0.27	0.43	\0.27	0.00	10.27	0.13	10.27	0.00	₹0.27	0.10	10.27	0.24	10.27
		100		FED				400		1441/	MERCU	JRY (ug/l	_) 1998			4110		CED		0.07		NOV		DEO
Mook	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
Week	Inf <0.27	<0.27	Inf <0.27	<0.27	0.42	0.38	0.66	0.43	Inf <0.27	<0.27	Inf <0.27	<0.27	Inf <0.27	<0.27	<0.27	<0.27	<0.27	<0.27	Inf <0.27	<0.27	Inf 0.64	<0.27	Inf 0.77	0.51
2	<0.27	<0.27	0.37	<0.27	0.30	<0.27	0.48	<0.27	0.51	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.37	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
3	0.89	<0.27	<0.27	<0.27	0.48	<0.27	<0.27	<0.27	0.57	<0.27	<0.27	<0.27	0.30	<0.27	0.37	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
4	0.39	<0.27			<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.99	<0.27			0.33	<0.27	<0.27	<0.27	0.32	0.45	<0.27	<0.27	<0.27	<0.27
Average	0.32	<0.27	0.12	<0.27	0.30	0.10	0.29	0.11	0.27	<0.27	0.25	<0.27	0.10	<0.27	0.18	<0.27	0.09	<0.27	0.08	0.11	0.16	<0.27	0.19	0.13
											MERCI	JRY (ug/l	) 1999											
		JAN		FEB		MAR		APR		MAY	WEROC	JUN	-, .,,,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.34	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
2	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.54	0.44	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.41	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
3	<0.27	<0.27	<0.27	< 0.27	<0.27	<0.27	0.48	<0.27	<0.27	<0.27	0.55	<0.27	<0.27	<0.27	<0.27	<0.27	0.45	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
4 Average	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	0.42	<0.27	<0.27	<0.27	<0.27	<0.27
Average	VU.21	VU.21	VO.21	VU.21	VO.21	VU.21	0.20	0.11	VO.21	VO.21	0.14	VO.21	VO.21	VO.21	0.17	VO.27	0.11	VO.27	0.11	VO.21	VU.21	VU.21	VU.21	VU.21
											MERCU	JRY (ug/l	_) 2000											
		JAN		FEB	1.6	MAR		APR		MAY		JÙŇ		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf 0.27	Eff	Inf	Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf -0.27	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<0.27	Eff <0.27	0.54	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27	0.86	Eff <0.27	Inf <0.27	JUN Eff <0.27	Inf 0.33	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27	0.71	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27
1 2	<0.27 <0.27	Eff <0.27 <0.27	0.54 <0.27	Eff <0.27 <0.27	<0.27 0.46	Eff <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	0.86 <0.27	Eff <0.27 <0.27	Inf <0.27 <0.27	JUN Eff <0.27 <0.27	Inf 0.33 <0.27	Eff <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	0.71 <0.27	Eff <0.27 0.27	<0.27 <0.27	Eff <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27
1	<0.27	Eff <0.27	0.54	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27	0.86	Eff <0.27	Inf <0.27	JUN Eff <0.27	Inf 0.33	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27	0.71	Eff <0.27	<0.27	Eff <0.27	<0.27	Eff <0.27
1 2 3	<0.27 <0.27 <0.27 <0.27	<pre>Eff &lt;0.27 &lt;0.27 &lt;0.27</pre>	0.54 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27 0.46 <0.27	Eff <0.27 <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	0.86 <0.27 0.38	Eff <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27	JUN Eff <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27	<0.27 <0.27	Eff <0.27 <0.27	0.71 <0.27 0.37	Eff <0.27 0.27 <0.27	<0.27 <0.27 <0.27	<0.27 <0.27 <0.27	<0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27
1 2 3 4	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 0.46 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35	<0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46	Eff <0.27 <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27 <0.27 0.08	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 1.08	<pre>eff &lt;0.27 &lt;0.27 &lt;0.27</pre>	0.71 <0.27 0.37 <0.27	Eff <0.27 0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	<pre>Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27</pre>	<0.27 <0.27 <0.27 0.40	Eff <0.27 <0.27 <0.27 <0.27
1 2 3 4	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 0.46 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35	Eff <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46	Eff <0.27 <0.27 <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 JRY (ug/I	Inf 0.33 <0.27 <0.27 <0.27 0.08	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 1.08	Eff <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27	eff <0.27 0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 0.40	<pre>Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27</pre>
1 2 3 4 Average	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 0.46 <0.27 <0.27 0.12	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35 0.12	Eff <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43	Eff <0.27 <0.27 <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCU	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 JRY (ug/I	Inf 0.33 <0.27 <0.27 <0.27 0.08	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 1.08 0.36	Eff <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27 0.27	Eff <0.27 0.27 <0.27 <0.27 0.07	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 0.40 0.10	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <dec< td=""></dec<>
1 2 3 4	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 0.46 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35	Eff <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46	Eff <0.27 <0.27 <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 JRY (ug/I	Inf 0.33 <0.27 <0.27 <0.27 0.08	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 1.08	Eff <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27	eff <0.27 0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 0.40	<pre>Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27</pre>
1 2 3 4 Average	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 JAN Eff	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27	<ul><li>Eff</li><li>&lt;0.27</li><li>&lt;0.27</li><li>&lt;0.27</li><li>&lt;0.27</li><li>&lt;0.27</li></ul>	<0.27 0.46 <0.27 <0.27 0.12	Eff <0.27 <0.27 <0.27 <0.27 <0.27 MAR Eff	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 APR Eff	0.86 <0.27 0.38 0.46 0.43	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  MAY Eff <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27 MERCU	JUN Eff < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27 < 0.27	Inf 0.33 <0.27 <0.27 <0.27 0.08  2) 2001  Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27   JUL Eff  <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 AUG Eff	<0.27 <0.27 1.08 0.36	<ul><li>Eff</li><li>&lt;0.27</li><li>&lt;0.27</li><li>&lt;0.27</li><li>&lt;0.27</li></ul>	0.71 <0.27 0.37 <0.27 0.27	eff <0.27 0.27 <0.27 <0.27 0.07 OCT Eff	<0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 NOV Eff	<0.27 <0.27 <0.27 0.40 0.10	Eff  <0.27 <0.27 <0.27 <0.27 <0.27   DEC Eff  <0.27 <0.27
1 2 3 4 Average  Week 1 2 3	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  JAN Eff <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14	Eff <0.27 <0.27 <0.27 <0.27 <0.27 FEB Eff <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.37 <0.37  Inf 0.36 0.30 0.34	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27 <0.27 0.08  _) 2001  Inf <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 JUL Eff <0.27	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 AUG Eff <0.27 <0.27 <0.27	<0.27 <0.27 1.08 0.36 Inf 0.28 0.39 <0.27	SEP Eff <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27 0.27 Inf 0.39 <0.27 <0.27	COLUMN CO	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 0.32	<ul> <li>Eff</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> </ul>	<0.27 <0.27 <0.27 <0.40 0.10 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   DEC Eff  <0.27 <0.27 <0.27
1 2 3 4 Average  Week 1 2 3 4	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  JAN Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<pre> &lt;0.27     0.46     &lt;0.27     &lt;0.27     0.12  Inf     &lt;0.27     &lt;0.27     &lt;0.27     &lt;0.27 &lt;0.27 &lt;0.27</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27 <0.27 <0.27 <0.27	<pre> &lt;0.27   &lt;0.27   0.35  0.12  Inf   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27 </pre>	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MERCU Inf 0.36 0.30 0.34 0.29	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <1.27 JUN Eff <0.27 <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27 <0.27  0.08  _) 2001  Inf <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<pre> &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27 </pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27 <0.27 <0.27	<ul> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>1.08</li> <li>0.36</li> <li>Inf</li> <li>0.28</li> <li>0.39</li> <li>&lt;0.27</li> <li>&lt;0.27</li> </ul>	Eff <0.27 <0.27 <0.27 <0.27 <sep Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27</sep 	0.71 <0.27 0.37 <0.27 0.27 0.27 lnf 0.39 <0.27 <0.27 <0.27	COLT Eff COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 0.32 0.47	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   NOV Eff <0.27 <0.27 <0.27 <0.27 <0.27	<pre>&lt;0.27 &lt;0.27 &lt;0.27 0.40 0.10  Inf &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27&lt;&lt;0.27</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   0.27  DEC Eff  <0.27 <0.27 <0.27 <0.27 <0.27
1 2 3 4 Average  Week 1 2 3	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  JAN Eff <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.37 <0.37  Inf 0.36 0.30 0.34	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27 <0.27 0.08  2) 2001  Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27   JUL Eff  <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 AUG Eff <0.27 <0.27 <0.27	<0.27 <0.27 1.08 0.36 Inf 0.28 0.39 <0.27	SEP Eff <0.27 <0.27 <0.27 <0.27	0.71 <0.27 0.37 <0.27 0.27 Inf 0.39 <0.27 <0.27	COLUMN CO	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 0.32	<ul> <li>Eff</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.27</li> </ul>	<0.27 <0.27 <0.27 <0.40 0.10 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   DEC Eff  <0.27 <0.27 <0.27
1 2 3 4 Average  Week 1 2 3 4	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  JAN Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<pre> &lt;0.27     0.46     &lt;0.27     &lt;0.27     0.12  Inf     &lt;0.27     &lt;0.27     &lt;0.27     &lt;0.27 &lt;0.27 &lt;0.27</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27 <0.27 <0.27 <0.27	<pre> &lt;0.27   &lt;0.27   0.35  0.12  Inf   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27 </pre>	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27 <0.27 <0.27	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 MERCU Inf 0.36 0.30 0.34 0.29 0.32	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <1.27 JUN Eff <0.27 <0.27 <0.27 <0.27	Inf 0.33 <0.27 <0.27 <0.27 0.08  a) 2001  Inf <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<pre> &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27   &lt;0.27 </pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 AUG Eff <0.27 <0.27 <0.27	<ul> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>1.08</li> <li>0.36</li> <li>Inf</li> <li>0.28</li> <li>0.39</li> <li>&lt;0.27</li> <li>&lt;0.27</li> </ul>	Eff <0.27 <0.27 <0.27 <0.27 <sep Eff &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27</sep 	0.71 <0.27 0.37 <0.27 0.27 0.27 lnf 0.39 <0.27 <0.27 <0.27	COLT Eff COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf <0.27 <0.27 0.32 0.47	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   NOV Eff <0.27 <0.27 <0.27 <0.27 <0.27	<pre>&lt;0.27 &lt;0.27 &lt;0.27 0.40 0.10  Inf &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27&lt;&lt;0.27</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   0.27  DEC Eff  <0.27 <0.27 <0.27 <0.27 <0.27
1 2 3 4 Average  Week 1 2 3 4 Average	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  JAN Eff <0.27 <0.27 <0.27 <0.27  <0.27  JAN AN  AN  AN  BEFF  BEF	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB  Eff <0.27 <0.27 <0.27  <0.27  FEB	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27 <0.27  <0.27  MAR AR A	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff <0.27 <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27 <0.27 <0.27 <0.27 APR	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27 <0.27  <0.27  MAY  MAY	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.37  Inf 0.36 0.30 0.34 0.29 0.32  MERCU	JUN Eff	Inf 0.33 <0.27 <0.27 <0.27 0.08  a) 2001  Inf <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  JUL Eff <0.27 <0.27  <0.27  JUL Substitute of the state of the st	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27 <0.27 0.20	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  AUG Eff <0.27 <0.27 <0.27 <0.27 <0.27 AUG	<pre>&lt;0.27 &lt;0.27 1.08  0.36  Inf 0.28 0.39 &lt;0.27 &lt;0.27 0.17</pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <5EP	0.71 <0.27 0.37 <0.27 0.27 0.27 Inf 0.39 <0.27 <0.27 <0.27 0.10	COLT Eff (0.27 (0.	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  NOV Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27   0.27  DEC Eff  <0.27 <0.27 <0.27 <0.27 <0.27  0.27  DEC  DEC  DEC
1 2 3 4 Average  Week 1 2 3 4 Average	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  JAN Eff <0.27 <0.27 <0.27  <0.27  JAN Eff Eff Eff Eff Eff Eff Eff Eff Eff Ef	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27 <0.27  <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27 <0.27  <0.27  MAR Eff Eff	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27 <0.27  APR Eff Eff F	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAY Eff  <0.27 <0.27 <0.27 <0.27  MAY Eff  Eff  Eff  Eff  Eff  Eff  Eff  Ef	Inf <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  Inf 0.36 0.30 0.34 0.29 0.32  MERCU	JUN Eff   <0.27  <0.27  <0.27  <0.27  <0.27   <0.27  JUN Eff  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  JUN  Eff   JUN Eff   Eff   Government   JUN   LUN    LUN    LUN   LUN    LUN   LUN   LUN   LUN    LUN   LUN    LUN   LUN     LUN     LUN     LUN     LUN     LUN     LUN     LUN     LUN     LUN      LUN      LUN       LUN          LUN	Inf 0.33 <0.27 <0.27 <0.27 0.08  a) 2001  Inf <0.27 <0.27 <0.27 <0.27 <0.27  c) 2002  Inf	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   JUL Eff <0.27 <0.27  <0.27  JUL Eff  Eff	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27 <0.27 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27  AUG Eff Eff  AUG Eff	<0.27 <0.27 1.08 0.36 Inf 0.28 0.39 <0.27 <0.27 0.17	Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <ful> SEP Eff</ful>	0.71 <0.27 0.37 <0.27 0.27 0.27 lnf 0.39 <0.27 <0.27 <0.27 0.10	COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.27 0.47 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  NOV Eff  <0.27 <0.27 <0.27 <0.27  NOV Eff  NOV Eff	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff <0.27 <0.27 <0.27 <0.27 <0.27  DEC Eff Eff Eff  DEC Eff Eff Eff Eff Eff Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <1.27  JAN Eff <0.27 <0.27 <0.27  <0.27  <1.27  JAN Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27  <0.27  <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27	Inf	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0	Inf 0.33 <0.27 <0.27 <0.27 0.08  2) 2001  Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   JUL Eff <0.27 <0.27  <0.27  <0.5  JUL Eff <0.5	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27 <0.27 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27  <0.27  AUG Eff <0.5	<pre>&lt;0.27 &lt;0.27 1.08  0.36  Inf 0.28 0.39 &lt;0.27 &lt;0.27 &lt;1.017  Inf &lt;0.5</pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.5 SEP Eff <0.5	0.71 <0.27 0.37 <0.27 0.27 0.27 	COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  NOV Eff <0.27 <0.27 <0.27  <0.27  0.27  0.14	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27  <0.27  FEB Eff <0.27 <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Inf	JUN Eff	Inf 0.33 <0.27 <0.27 <0.27 0.08  -) 2001  Inf <0.27 <0.27 <0.27 <0.27  -) 202  Inf <0.5 <0.5	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  JUL Eff <0.27 <0.27  <0.27  <0.5 <0.5	<pre>&lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27  &lt;0.27  1nf 0.46 0.34 &lt;0.27 &lt;0.27  0.20  Inf &lt;0.5 &lt;0.5</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27  <0.27  <0.5 <0.5	<pre>&lt;0.27 &lt;0.27 1.08  0.36  Inf 0.28 0.39 &lt;0.27 &lt;0.27 &lt;1.7  Inf &lt;0.5 &lt;0.5</pre>	SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.2	0.71 <0.27 0.37 <0.27 0.27 0.27 0.27 <0.27 <0.27 <0.27 0.10	COLT Eff COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20 0.31	Continue	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.97 <0.97  <0.97  <0.97  <0.97  <0.97  DEC Eff <0.99 <0.09
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <1.27  JAN Eff <0.27 <0.27 <0.27  <0.27  <1.27  JAN Eff <0.27 <0.27 <0.27 <0.27 <0.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27  FEB Eff <0.27 <0.27  <0.27  <0.27	<0.27 0.46 <0.27 <0.27 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27	<0.27 <0.27 0.35 0.12 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27  <0.27  APR Eff <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27	Inf	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0	Inf 0.33 <0.27 <0.27 <0.27 0.08  2) 2001  Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <0.27   JUL Eff <0.27 <0.27  <0.27  <0.5  JUL Eff <0.5	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 lnf 0.46 0.34 <0.27 <0.27 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27  <0.27  AUG Eff <0.5	<pre>&lt;0.27 &lt;0.27 1.08  0.36  Inf 0.28 0.39 &lt;0.27 &lt;0.27 &lt;1.017  Inf &lt;0.5</pre>	Eff <0.27 <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.5 SEP Eff <0.5	0.71 <0.27 0.37 <0.27 0.27 0.27 	COLT COLT COLT COLT COLT COLT COLT COLT	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  NOV Eff <0.27 <0.27 <0.27  <0.27  0.27  0.14	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27
Week  Average  Week  Average  Week  1 2 3 4  Average	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27  <1.27	0.54 <0.27 <0.27 <0.27 0.14 Inf <0.27 <0.27 <0.27 <0.27	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  FEB Eff <0.27 <0.27 <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27  <0.27 <0.27	<pre>&lt;0.27 0.46 &lt;0.27 &lt;0.27 0.12  Inf &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27&lt;&lt;0.27</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAR Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	<pre>&lt;0.27 &lt;0.27 0.35  0.12  Inf &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27&lt;&lt;0.27</pre>	Eff  <0.27 <0.27 <0.27 <0.27  APR Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	0.86 <0.27 0.38 0.46 0.43 Inf <0.27 0.42 0.59 0.41 0.36	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27   MAY Eff <0.27 <0.27 <0.27  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27	Inf	JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 JUN Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0	Inf 0.33 <0.27 <0.27 <0.27  0.08  2001  Inf <0.27 <0.27 <0.27 <0.27  <0.27  <0.5 <0.5 <0.5	Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  JUL Eff <0.27 <0.27 <0.27  <0.5 <0.5 <0.5	<pre>&lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27 &lt;0.27  &lt;0.27  1nf 0.46 0.34 &lt;0.27 &lt;0.27  0.20  Inf &lt;0.5 &lt;0.5 &lt;0.5</pre>	Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  AUG Eff <0.27 <0.27 <0.27 <0.27 <0.5 <0.5 <0.5	<ul> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>1.08</li> <li>0.36</li> <li>Inf</li> <li>0.28</li> <li>0.39</li> <li>&lt;0.27</li> <li>&lt;0.27</li> <li>&lt;0.17</li> <li>Inf</li> <li>&lt;0.5</li> <li>&lt;0.5</li> <li>&lt;0.5</li> </ul>	Eff <0.27 <0.27 <0.27 <0.27  SEP Eff <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.5 <0.5 <0.5	0.71 <0.27 0.37 <0.27 0.27 0.27 0.39 <0.27 <0.27 <0.27 0.10	CT Eff C0.27	<0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 0.32 0.47 0.20 0.31	Continue	<0.27 <0.27 <0.27 0.40 0.10 Inf <0.27 <0.27 <0.27 <0.27 1nf 0.24 <0.09 0.20	Eff  <0.27 <0.27 <0.27 <0.27 <0.27  <0.27  DEC Eff  <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27 <0.27

										Ç	III VED (u	ıg/L) 199	7											
		JAN		FEB		MAR		APR		MAY	ILVLIK (G	JUN	,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	7.9	<6.6	<6.6	<6.6	13.2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	8.1	<6.6
2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	8.3	<6.6	<6.6	<6.6	9.5	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	10.1	<6.6
3	<6.6	7.0	<6.6	<6.6	<6.6	<6.6	17.5	<6.6	<6.6	<6.6	8.6	<6.6	8.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
4	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6			<6.6	<6.6	10.0	<6.6	<6.6	<6.6	<6.6	<6.6			<6.6	<6.6	7.4	<6.6	<6.6	<6.6
Average	<6.6	1.8	<6.6	<6.6	<6.6	<6.6	8.6	<6.6	<6.6	<6.6	9.0	<6.6	2.2	<6.6	3.3	<6.6	<6.6	<6.6	<6.6	<6.6	1.9	<6.6	4.6	<6.6
										S	III VED (u	ıg/L) 199	Ω											
		JAN		FEB		MAR		APR		MAY	ILVLIK (G	JUN	O	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	27.2	10.8	<6.6	<6.6	<6.6
2	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6
3	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	6.7	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	13.1	8.8	<6.6	9.0	<6.6
4	<6.6	<6.6			<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	9.4	<6.6			<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	11.1	<6.6	<6.6
Average	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	1.7	<6.6	2.4	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	10.1	4.9	2.8	2.3	<6.6
										S	SII VFR (u	ıg/L) 199	9											
		JAN		FEB		MAR		APR		MAY		JUN	•	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	<6.6	<6.6	<6.6	<6.6	9.9	<6.6	<6.6	<6.6	8.3	<6.6	<6.6	7.9	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	27.2	<6.6	<6.6	<6.6	<6.6
2	<6.6	<6.6	<6.6	<6.6	16.0	7.6	<6.6	<6.6	6.6	<6.6	<6.6	8.8	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	9.0	<6.6	<6.6	<6.6
3	<6.6	<6.6	<6.6	<6.6	11.9	<6.6	<6.6	<6.6	14.2	<6.6	<6.6	11.2	<6.6	<6.6	10.9	<6.6	<6.6	<6.6	<6.6	13.1	<6.6	<6.6	<6.6	<6.6
4			<6.6	<6.6	<6.6	14.2	<6.6	<6.6			<6.6	<6.6	<6.6	<6.6	<6.6	6.7	<6.6	<6.6	<6.6	<6.6			<6.6	<6.6
Average	<6.6	<6.6	<6.6	<6.6	9.5	5.5	<6.6	<6.6	9.7	<6.6	<6.6	7.0	<6.6	<6.6	2.7	1.7	<6.6	<6.6	<6.6	10.1	3.0	<6.6	<6.6	<6.6
										S	SII VFR (u	ıa/L) 200	0											
		JAN		FEB		MAR		APR		S	SILVER (u	g/L) 200 JUN	0	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf		SILVER (u Inf	g/L) 200 JUN Eff	0 Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
Week	Inf <6.6		Inf <6.6		Inf <6.6		Inf <6.6		Inf <6.6	MAY		JUN			Inf <6.6		Inf <6.6		Inf <6.6		Inf <6.6		Inf 9.8	
		Eff		Eff		Eff		Eff		MAY Eff	Inf	JUN Eff	Inf	Eff		Eff		Eff		Eff		Eff		Eff
1	<6.6	Eff <6.6	<6.6	Eff <6.6	<6.6	Eff <6.6	<6.6	Eff <6.6	<6.6	MAY Eff <6.6	Inf <6.6	JUN Eff <6.6	Inf <6.6	<6.6 <6.6 12.3	<6.6	Eff <6.6	<6.6	Eff <6.6	<6.6	Eff 27.2	<6.6	Eff <6.6	9.8	Eff <6.6
1 2 3 4	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 12.3 7.8	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6	<6.6 <6.6 <6.6 <6.6
1 2 3	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6	<6.6 <6.6	Eff <6.6 <6.6	<6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6	<6.6 <6.6 12.3	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6	Eff <6.6 <6.6	<6.6 <6.6 <6.6	27.2 <6.6 13.1	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	9.8 <6.6 6.7	Eff <6.6 <6.6 <6.6
1 2 3 4	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 12.3 7.8	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6	<6.6 <6.6 <6.6 <6.6
1 2 3 4	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 12.3 7.8	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6
1 2 3 4	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6	Inf <6.6 <6.6 <6.6 <6.6 <6.6	eff <6.6 <6.6 12.3 7.8 5.0	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	27.2 <6.6 13.1 <6.6	<6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6	<6.6 <6.6 <6.6 <6.6
1 2 3 4 Average	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  JAN	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  FEB	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  MAR	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 MAY	Inf <6.6 <6.6 <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6 JUN	Inf <6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 12.3 7.8 5.0	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  AUG	<6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6 10.1	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  NOV	9.8 <6.6 6.7 <6.6 4.1	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  DEC
1 2 3 4 Average  Week 1 2	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <f.6 eff<="" jan="" td=""><td>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6</td><td><pre>eff &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 <fe> FEB Eff</fe></pre></td><td>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6</td><td>Eff  &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6  &lt;6.6  MAR Eff</td><td>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6</td><td><ul><li>Eff</li><li>&lt;6.6</li><li>&lt;6.6</li><li>&lt;6.6</li></ul>APR Eff</td><td>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6</td><td>MAY Eff &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 MAY Eff</td><td>Inf</td><td>JUN Eff</td><td>Inf</td><td>Eff  &lt;6.6 &lt;6.6 12.3 7.8 5.0  JUL Eff  &lt;6.6 &lt;6.6</td><td>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 Inf</td><td>Eff  &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6  &lt;6.6  AUG  Eff  &lt;6.6 &lt;6.6</td><td>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6</td><td><pre></pre></td><td>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6</td><td>27.2 &lt;6.6 13.1 &lt;6.6 10.1</td><td>&lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6</td><td>Eff &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6  NOV Eff</td><td>9.8 &lt;6.6 6.7 &lt;6.6 4.1</td><td>Eff  &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6  Eff</td></f.6>	<6.6 <6.6 <6.6 <6.6 <6.6	<pre>eff &lt;6.6 &lt;6.6 &lt;6.6 &lt;6.6 <fe> FEB Eff</fe></pre>	<6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  MAR Eff	<6.6 <6.6 <6.6 <6.6	<ul><li>Eff</li><li>&lt;6.6</li><li>&lt;6.6</li><li>&lt;6.6</li></ul> APR Eff	<6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 MAY Eff	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  AUG  Eff  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6	<pre></pre>	<6.6 <6.6 <6.6 <6.6 <6.6	27.2 <6.6 13.1 <6.6 10.1	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  NOV Eff	9.8 <6.6 6.7 <6.6 4.1	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  Eff
1 2 3 4 Average  Week 1 2 3	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6	Eff <6.6 <6.6 <6.6 <6.6 <6.6  FEB Eff <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   MAR Eff  1.0 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf <6.6 <6.6 <6.6 <6.6 <6.6 ILVER (u Inf <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6 JUN Eff <6.6 <6.6	Inf   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6     <10     Inf   12.1	<ul><li>Eff</li><li>&lt;6.6</li><li>&lt;6.6</li><li>12.3</li><li>7.8</li><li>5.0</li><li>JUL</li><li>Eff</li><li>&lt;6.6</li></ul>	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.4 8.1 11.5	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  AUG  Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	27.2 <6.6 13.1 <6.6 10.1 OCT Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   Construction of the construction
1 2 3 4 Average  Week 1 2 3 4	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  1.1  1.0	<.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  1.0 <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6 JUN Eff <6.6 <6.6 <6.6	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <10 Inf 7.4 8.1 11.5 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6     DEC Eff  <6.6 <6.6 <6.6 <6.6 <6.6
1 2 3 4 Average  Week 1 2 3	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  76.6  FEB Eff  <6.6  9.1	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   MAR Eff  1.0 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf <6.6 <6.6 <6.6 <6.6 <6.6 ILVER (u Inf <6.6 <6.6 <6.6	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6 JUN Eff <6.6 <6.6	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.4 8.1 11.5	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  AUG  Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	27.2 <6.6 13.1 <6.6 10.1 OCT Eff <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   Construction of the construction
1 2 3 4 Average  Week 1 2 3 4	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  1.1  1.0	<.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  1.0 <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <10 Inf 7.4 8.1 11.5 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6     DEC Eff  <6.6 <6.6 <6.6 <6.6 <6.6
1 2 3 4 Average  Week 1 2 3 4	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  1.1  1.0	<.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6 <.6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  1.0 <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff <6.6 <6.6 <6.6 <6.6 <6.6 JUN Eff <6.6 <6.6 <6.6	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <10 Inf 7.4 8.1 11.5 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6 <6.6 <6.6 <6.6	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6     DEC Eff  <6.6 <6.6 <6.6 <6.6 <6.6
1 2 3 4 Average  Week 1 2 3 4 Average	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <6.6 <6.6 <6.6  <6.6  <6.6   JAN Eff  First  Eff  Eff  Eff  Eff  Eff  Eff  Eff  E	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  FEB Eff  <6.7  FEB Eff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <3.4	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  MAR Eff  1.0 <6.6 <6.6  2.6  MAR Eff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <6.6 <6.6 <6.6  APR Eff  APR Eff  Fight  APR Eff  APR Eff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff   <6.6  <6.6  <6.6  <6.6  <6.6   JUN Eff   <6.6  <6.6  <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6   <6.6	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6 <6.6  JUL Eff	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.4 8.1 11.5 <6.6 6.8	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  AUG Eff  <6.6 <6.6 <6.6  AUG Eff  AUG Eff  AUG Eff	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  First	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6  OCT Eff	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.0 20.9 <6.6 <6.6 7.0	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6  <6.6  <6.6  <6.6  <6.6 <fi>   NOV Eff</fi>	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   Eff  <6.6 <6.6  <6.6  <6.6  <6.6   Eff  DEC  Eff  DEC  Eff  Eff  Eff  Ef
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  FEB Eff  <6.7  FEB Eff  <6.7	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <3.4 Inf <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  MAR Eff  1.0 <6.6 <6.6  2.6  MAR Eff  -6.6  -6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff <6.6 <6.6 <6.6  APR Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6 <6.6  JUL Eff <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 Inf 7.4 8.1 11.5 <6.6 6.8	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  AUG Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6  <6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6  OCT Eff <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <7.0 20.9 <6.6 <6.6 7.0	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  NOV Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <	9.8 <6.6 6.7 <6.6 4.1 Inf <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6   Eff  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6
Usek  Week  Average  Week  Average	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <6.6 <6.6 <6.6  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  FEB Eff  <6.6 9.1 11.0  6.7  FEB Eff  <6.6 <6.6 <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <3.4 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  MAR Eff  1.0 <6.6 <6.6  2.6  MAR Eff  6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff   <6.6  <6.6  <6.6  <6.6  <6.6  <6.6    MAY Eff   <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6  <6.6  JUL Eff <6.6 <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <7.4 8.1 11.5 <6.6 6.8	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  Eff  <6.6 <6.6 <6.6  <6.6 <6.6  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6  <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6  OCT Eff <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 1nf 7.0 20.9 <6.6 <6.6 7.0	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6	9.8 <6.6 6.7 <6.6 4.1  Inf <6.6 <6.6 <6.6 <6.6 <6.6 <7 <6.6 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	Eff  <6.6 <6.6 <6.6 <6.6 <6.6   Eff  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6
Week  Neek  Week  Week  Week  Week  1  2  3  4  Average	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  <6.6  FEB Eff  <6.7  FEB Eff  <6.7	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6  1nf <6.6 <6.6  3.4  Inf <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6   MAR Eff  1.0 <6.6 <6.6  2.6  MAR Eff  6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6  Inf <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <8.8	Eff  <6.6 <6.6 <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	Inf	JUN Eff	Inf	Eff <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6 <6.6  <6.6 <6.6 <6.6 <6.6 <	<pre> &lt;6.6   &lt;6.7 </pre>	Eff  <6.6 <6.6 <6.6 <6.6  AUG Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6	<6.6 <6.6 <6.6 <6.6 <6.6 <7.0 20.9 <6.6 <6.6 7.0	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  NOV Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <	9.8 <6.6 6.7 <6.6 4.1  Inf <6.6 <6.6 <6.6 <6.6 <6.6  9.8 9.4	Eff  <6.6 <6.6 <6.6 <6.6  <6.6   Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <
Usek  Week  Average  Week  Average	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  JAN Eff  <6.6 <6.6 <6.6  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  FEB Eff  <6.6 9.1 11.0  6.7  FEB Eff  <6.6 <6.6 <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <3.4 Inf <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6 <6.6 <6.6  MAR Eff  1.0 <6.6 <6.6  2.6  MAR Eff  6.6 <6.6 <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  APR Eff  <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	MAY Eff   <6.6  <6.6  <6.6  <6.6  <6.6  <6.6    MAY Eff   <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6	Inf	JUN Eff	Inf	Eff  <6.6 <6.6 12.3 7.8 5.0  JUL Eff <6.6 <6.6  <6.6  JUL Eff <6.6 <6.6	<.6.6 <6.6 <6.6 <6.6 <6.6 <7.4 8.1 11.5 <6.6 6.8	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  Eff  <6.6 <6.6 <6.6  <6.6 <6.6  <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6  <6.6  SEP Eff  <6.6 <6.6 <6.6  <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6 <6.6	Eff 27.2 <6.6 13.1 <6.6 10.1  OCT Eff <6.6 <6.6 <6.6  OCT Eff <6.6 <6.6	<6.6 <6.6 <6.6 <6.6 <6.6 1nf 7.0 20.9 <6.6 <6.6 7.0	Eff  <6.6 <6.6 <6.6 <6.6  <6.6  NOV Eff  <6.6 <6.6 <6.6  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6	9.8 <6.6 6.7 <6.6 4.1  Inf <6.6 <6.6 <6.6 <6.6 <6.6 <7 <6.6 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7 <7	Eff  <6.6 <6.6 <6.6 <6.6 <6.6   Eff  <6.6 <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6  <6.6

											ZINC (ug	/L) 1997												
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	89	38	131	81	238	170	126	21	148	40	186	89	183	171	164	96	115	57	128	40	105	18	148	52
2 3	99 71	34 36	147 135	54 30	185 258	169 151	131 117	13 17	159 196	45 50	226 218	93 93	225 188	187 70	167 139	45 51	143 663	48 152	119 115	26 27	144 98	28 23	159 169	43 59
4	115	34	161	37	323	151	117	17	129	43	194	93 91	176	70	118	40	003	132	276	21	193	25 25	120	31
Average	94	36	144	51	251	161	125	17	158	45	206	92	193	125	147	58	307	86	160	29	135	24	149	46
		JAN		FEB		MAR		APR		MAY	ZINC (ug	/L) 1998 JUN		JUL		AUG		SEP		ОСТ		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	116	45	134	29	117	4	124	241	148	15	127	52	128	32	135	40	179	38	126	154	158	33	196	44
2	174	36	147	43	168	40	132	33	132	27	131	63	127	31	124	35	327	27	157	75	155	33	148	40
3	129	44	146	60	148	57	130	31	160	20	148	54	132	30	184	29	169	29	186	61	184	108	163	42
4	185	32	4.40		144	50	132	33	138	104	173	60	100	0.4	175	30	207	31	180	56	141	46	143	60
Average	151	39	142	44	144	38	130	85	145	42	145	57	129	31	155	34	221	31	162	87	160	55	163	47
				555							ZINC (ug							055						550
Wook	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
Week 1	140	29	107	32	154	40	112	31	140	41	159	Eff 40	Inf 182	29	176	70	Inf 307	35	162	33	Inf 118	46	132	25
2	153	44	182	38	146	36	119	34	122	26	181	34	142	37	185	62	182	48	184	36	160	43	139	257
3	122	31	147	30	124	33	118	36	143	34	165	45	147	36	169	47	146	54	148	38	147	68	125	56
4			139	38	161	33	124	26			174	77	163	52	143	42	151	34	140	34			108	42
Average	138	35	144	35	146	36	118	32	135	34	170	49	159	39	168	55	197	43	159	35	142	52	126	95
											71110 (	// \												
											ZINC (ug	/L) 2000												
		JAN		FEB		MAR		APR		MAY	ZINC (ug	/L) 2000 JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	126	Eff 32	182	Eff 62	142	Eff 37	136	Eff 35	182	Eff 39	Inf 144	JUN Eff 24	Inf 226	Eff 135	166	Eff 25	140	Eff 27	115	Eff 22	152	Eff 26	165	Eff 42
1 2	126 181	22 33	182 190	Eff 62 69	142 179	27 33	136 110	Eff 35 26	182 179	Eff 39 33	Inf 144 126	JUN Eff 24 23	Inf 226 261	Eff 135 150	166 154	Eff 25 21	140 169	Eff 27 25	115 270	Eff 22 23	152 141	Eff 26 27	165 175	Eff 42 31
1 2 3	126 181 152	32 33 50	182 190 151	62 69 67	142 179 148	37 33 30	136	Eff 35	182 179 148	39 33 39	Inf 144 126 155	JUN Eff 24 23 23	Inf 226 261 249	Eff 135 150 151	166 154 158	25 21 27	140	Eff 27	115 270 137	22 23 29	152 141 134	26 27 34	165 175 171	42 31 33
1 2 3 4	126 181 152 150	22 33	182 190	Eff 62 69	142 179	Eff 37 33 30 58	136 110 116	Eff 35 26 27	182 179 148 154	Eff 39 33 39 31	Inf 144 126	JUN Eff 24 23	Inf 226 261	Eff 135 150	166 154	Eff 25 21	140 169 130	27 25 20	115 270 137 129	Eff 22 23	152 141 134 117	Eff 26 27	165 175	Eff 42 31
1 2 3	126 181 152	Eff 32 33 50 43	182 190 151 175	62 69 67 69	142 179 148 147	37 33 30	136 110	Eff 35 26	182 179 148	39 33 39	Inf 144 126 155 170	JUN Eff 24 23 23 28 25	Inf 226 261 249 222	Eff 135 150 151 127	166 154 158 144	25 21 27 23	140 169	Eff 27 25	115 270 137	22 23 29 29	152 141 134	26 27 34 33	165 175 171 171	Eff 42 31 33 35
1 2 3 4	126 181 152 150	Eff 32 33 50 43 40	182 190 151 175	62 69 67 69 67	142 179 148 147	Eff 37 33 30 58 40	136 110 116	Eff 35 26 27 29	182 179 148 154	Eff 39 33 39 31 36	Inf 144 126 155 170	JUN Eff 24 23 23 28 25 /L) 2001	Inf 226 261 249 222	Eff 135 150 151 127 141	166 154 158 144	25 21 27 23 24	140 169 130	Eff 27 25 20 24	115 270 137 129	Eff 22 23 29 29 26	152 141 134 117	26 27 34 33 30	165 175 171 171	Eff 42 31 33 35 35
1 2 3 4 Average	126 181 152 150 152	Eff 32 33 50 43 40	182 190 151 175 175	62 69 67 69 67	142 179 148 147 154	Eff 37 33 30 58 40	136 110 116	29 APR	182 179 148 154 166	Eff 39 33 39 31 36	Inf 144 126 155 170 149 ZINC (ug	JUN Eff 24 23 23 28 25 /L) 2001 JUN	Inf 226 261 249 222 240	Eff 135 150 151 127 141	166 154 158 144 156	25 21 27 23 24	140 169 130 146	27 25 20 24 SEP	115 270 137 129 163	Eff 22 23 29 29 26	152 141 134 117 136	26 27 34 33 30	165 175 171 171 171	Eff 42 31 33 35 35
1 2 3 4	126 181 152 150	Eff 32 33 50 43 40	182 190 151 175	62 69 67 69 67	142 179 148 147	Eff 37 33 30 58 40	136 110 116	Eff 35 26 27 29	182 179 148 154	Eff 39 33 39 31 36	Inf 144 126 155 170	JUN Eff 24 23 23 28 25 /L) 2001	Inf 226 261 249 222	Eff 135 150 151 127 141	166 154 158 144	25 21 27 23 24	140 169 130	Eff 27 25 20 24	115 270 137 129	Eff 22 23 29 29 26	152 141 134 117	26 27 34 33 30	165 175 171 171	Eff 42 31 33 35 35
1 2 3 4 Average	126 181 152 150 152	32 33 50 43 40 JAN Eff	182 190 151 175 175	62 69 67 69 67 FEB	142 179 148 147 154	8ff 37 33 30 58 40 MAR Eff	136 110 116 121	26 27 29 APR Eff	182 179 148 154 166	89 33 39 31 36 MAY Eff	Inf 144 126 155 170 149 ZINC (ug	JUN Eff 24 23 23 28 25 /L) 2001 JUN Eff	226 261 249 222 240	Eff 135 150 151 127 141 JUL Eff	166 154 158 144 156	25 21 27 23 24 AUG Eff	140 169 130 146	27 25 20 24 SEP Eff	115 270 137 129 163	22 23 29 29 26 OCT Eff	152 141 134 117 136	26 27 34 33 30 NOV Eff	165 175 171 171 171	2 31 33 35 35 DEC Eff
1 2 3 4 Average  Week 1 2 3	126 181 152 150 152 Inf 145 124 122	32 33 50 43 40 JAN Eff 28 30 31	182 190 151 175 175 Inf	62 69 67 69 67 FEB Eff 34	142 179 148 147 154 Inf 124 123 109	Eff 37 33 30 58 40 MAR Eff 36 34 33	136 110 116 121 Inf 166 141 225	Eff 35 26 27 29 APR Eff 29 29 57	182 179 148 154 166 Inf 157 133 160	8 Eff 39 33 39 31 36 MAY Eff 41 39 46	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154	JUN Eff 24 23 28 25 /L) 2001 JUN Eff 66 27 39	Inf 226 261 249 222 240 Inf 133	Eff 135 150 151 127 141 JUL Eff 25	166 154 158 144 156 Inf 152 277 269	Eff 25 21 27 23 24 AUG Eff 29 30 29	140 169 130 146 Inf 111 135 158	Eff 27 25 20 24 SEP Eff 20 25 37	115 270 137 129 163 Inf 153 142 132	22 23 29 29 26 OCT Eff 26 22 23	152 141 134 117 136 Inf 163 160 124	26 27 34 33 30 NOV Eff 30 24 25	165 175 171 171 171 171 171 1nf 142 113 102	Eff 42 31 33 35 35  DEC Eff 29 25 21
1 2 3 4 Average  Week 1 2 3 4	126 181 152 150 152 Inf 145 124 122 121	Eff 32 33 50 43 40  JAN Eff 28 30 31 31	182 190 151 175 175 175 175	Eff 62 69 67 69 67 FEB Eff 34 36 35	142 179 148 147 154 Inf 124 123 109 135	Eff 37 33 30 58 40 MAR Eff 36 34 33 28	136 110 116 121 Inf 166 141 225 142	Eff 35 26 27 29 APR Eff 29 29 57 46	182 179 148 154 166 Inf 157 133 160 155	Eff 39 33 39 31 36  MAY Eff 41 39 46 42	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124	JUN Eff 24 23 28 25 25 JUN Eff 66 27 39 41	Inf 226 261 249 222 240 Inf 133 141 143	Eff 135 150 151 127 141  JUL Eff 25 28 24	166 154 158 144 156 Inf 152 277 269 204	Eff 25 21 27 23 24 AUG Eff 29 30 29 27	140 169 130 146 Inf 111 135 158 147	Eff 27 25 20 24 SEP Eff 20 25 37 35	115 270 137 129 163 Inf 153 142 132 121	Eff  22 23 29 29 26  OCT Eff 26 22 23 20	152 141 134 117 136 Inf 163 160 124 134	Eff  26 27 34 33 30  NOV Eff 30 24 25 24	165 175 171 171 171 171 171 Inf 142 113 102 135	Eff  42 31 33 35 35  DEC Eff  29 25 21 21
1 2 3 4 Average  Week 1 2 3	126 181 152 150 152 Inf 145 124 122	32 33 50 43 40 JAN Eff 28 30 31	182 190 151 175 175 175	Eff 62 69 67 69 67 FEB Eff 34 36	142 179 148 147 154 Inf 124 123 109	Eff 37 33 30 58 40 MAR Eff 36 34 33	136 110 116 121 Inf 166 141 225	Eff 35 26 27 29 APR Eff 29 29 57	182 179 148 154 166 Inf 157 133 160	8 Eff 39 33 39 31 36 MAY Eff 41 39 46	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154	JUN Eff 24 23 28 25 /L) 2001 JUN Eff 66 27 39	Inf 226 261 249 222 240  Inf 133 141	Eff 135 150 151 127 141 JUL Eff 25 28	166 154 158 144 156 Inf 152 277 269	Eff 25 21 27 23 24 AUG Eff 29 30 29	140 169 130 146 Inf 111 135 158	Eff 27 25 20 24 SEP Eff 20 25 37	115 270 137 129 163 Inf 153 142 132	22 23 29 29 26 OCT Eff 26 22 23	152 141 134 117 136 Inf 163 160 124	26 27 34 33 30 NOV Eff 30 24 25	165 175 171 171 171 171 171 1nf 142 113 102	Eff 42 31 33 35 35  DEC Eff 29 25 21
1 2 3 4 Average  Week 1 2 3 4	126 181 152 150 152 Inf 145 124 122 121	Eff  32 33 50 43 40  JAN Eff  28 30 31 31 30	182 190 151 175 175 175 175	Eff 62 69 67 69 67 FEB Eff 34 36 35	142 179 148 147 154 Inf 124 123 109 135	Eff  37  33  30  58  40  MAR  Eff  36  34  33  28  33	136 110 116 121 Inf 166 141 225 142	Eff 35 26 27 29 APR Eff 29 29 57 46 40	182 179 148 154 166 Inf 157 133 160 155	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124	JUN Eff 24 23 28 25 25 JUN Eff 66 27 39 41 43 C (ug/L)	Inf 226 261 249 222 240 Inf 133 141 143	Eff 135 150 151 127 141  JUL Eff 25 28 24	166 154 158 144 156 Inf 152 277 269 204	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29	140 169 130 146 Inf 111 135 158 147	Eff 27 25 20 24 SEP Eff 20 25 37 35 29	115 270 137 129 163 Inf 153 142 132 121	Eff  22 23 29 29 26  OCT Eff  26 22 23 20 23	152 141 134 117 136 Inf 163 160 124 134	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26	165 175 171 171 171 171 171 Inf 142 113 102 135	Eff 42 31 33 35 35  DEC Eff 29 25 21 21 24
1 2 3 4 Average  Week 1 2 3 4 Average	126 181 152 150 152 Inf 145 124 122 121 128	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30  JAN	182 190 151 175 175 175 175 116 142 129 138	Eff 62 69 67 69 67 FEB Eff 34 36 35 FEB	142 179 148 147 154 Inf 124 123 109 135 123	Eff 37 33 30 58 40    MAR Eff 36 34 33 28 33    MAR	136 110 116 121 Inf 166 141 225 142	Eff 35 26 27 29 APR Eff 29 29 57 46 40 APR	182 179 148 154 166 Inf 157 133 160 155	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124 156	JUN Efff 24 23 28 25 /L) 2001 JUN Efff 66 27 39 41 43 C (ug/L) JUN	Inf 226 261 249 222 240 Inf 133 141 143	Eff 135 150 151 127 141  JUL Eff 25 28 24  26  JUL	166 154 158 144 156 Inf 152 277 269 204 226	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG	140 169 130 146 Inf 111 135 158 147 138	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP	115 270 137 129 163 Inf 153 142 132 121	Eff  22 23 29 29 26  OCT Eff  26 22 23 20 23  OCT	152 141 134 117 136 Inf 163 160 124 134	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26	165 175 171 171 171 171 171 171 111 102 113 102 135 123	Eff 42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC
1 2 3 4 Average  Week 1 2 3 4	126 181 152 150 152 Inf 145 124 122 121	Eff  32 33 50 43 40  JAN Eff  28 30 31 31 30	182 190 151 175 175 175 175	Eff 62 69 67 69 67 FEB Eff 34 36 35	142 179 148 147 154 Inf 124 123 109 135	Eff 37 33 30 58 40    MAR Eff 36 34 33 28 33    MAR Eff fff	136 110 116 121 Inf 166 141 225 142	Eff 35 26 27 29 APR Eff 29 57 46 40 APR Eff	182 179 148 154 166 Inf 157 133 160 155	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42  MAY Eff	Inf 144 126 155 170 149 ZINC (ug Inf 188 157 154 124	JUN Eff 24 23 28 25 25 JUN Eff 66 27 39 41 43 C (ug/L)	Inf 226 261 249 222 240 Inf 133 141 143	Eff 135 150 151 127 141  JUL Eff 25 28 24	166 154 158 144 156 Inf 152 277 269 204	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29	140 169 130 146 Inf 111 135 158 147	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP Eff	115 270 137 129 163 Inf 153 142 132 121	Eff  22 23 29 29 26  OCT Eff 26 22 23 20 23  OCT Eff	152 141 134 117 136 Inf 163 160 124 134	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26  NOV Eff	165 175 171 171 171 171 171 Inf 142 113 102 135	Eff  42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average	126 181 152 150 152 Inf 145 124 122 121 128	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30  JAN Eff	182 190 151 175 175 175 175 142 129 138	Eff 62 69 67 69 67 FEB Eff 34 36 35 FEB Eff	142 179 148 147 154 Inf 124 123 109 135 123	Eff 37 33 30 58 40    MAR Eff 36 34 33 28 33    MAR	136 110 116 121 Inf 166 141 225 142 169	Eff 35 26 27 29 APR Eff 29 29 57 46 40 APR	182 179 148 154 166 Inf 157 133 160 155 151	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42	Inf 144 126 155 170 149  ZINC (ug Inf 188 157 154 124 156  ZINC	JUN Eff 24 23 28 25 25 25 2001 JUN Eff 66 27 39 41 43 C (ug/L) JUN Eff JUN Eff 50 100 JUN Eff 50 100 JUN Eff 50 100 JUN Eff 50 JUN Eff 50 100 JUN Eff 50 JUN EJ 50 JUN Eff 50 JU	Inf  226 261 249 222 240  Inf  133 141 143  139  2002 Inf	Eff  135 150 151 127 141  JUL Eff 25 28 24  26  JUL Efff	166 154 158 144 156 Inf 152 277 269 204 226	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG Eff	140 169 130 146 111 111 135 158 147 138	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP	115 270 137 129 163 Inf 153 142 132 121 137	Eff  22 23 29 29 26  OCT Eff  26 22 23 20 23  OCT	152 141 134 117 136 Inf 163 160 124 134 145	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26	165 175 171 171 171 171 171 1142 113 102 135 123	Eff 42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 3 3 4 Average	126 181 152 150 152 Inf 145 124 122 121 128	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30  JAN Eff 26	182 190 151 175 175 175 175 142 129 138 136	Eff 62 69 67 69 67 FEB Eff 34 36 35  FEB Eff 29 40 28	142 179 148 147 154 Inf 124 123 109 135 123 Inf 138 131 148	Eff 37 33 30 58 40 MAR Eff 36 34 33 28 33 MAR Eff 28 25 30	136 110 116 121 166 141 225 142 169 Inf 134 140 146	Eff 35 26 27 29 APR Eff 29 29 57 46 40 APR Eff 31 26 29	182 179 148 154 166 Inf 157 133 160 155 151	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42  MAY Eff 28	Inf 144 126 155 170 149  ZINC (ug Inf 188 157 154 124 156  ZINC Inf 139 127 161	JUN Eff 24 23 28 25   /L) 2001 JUN Eff 66 27 39 41 43   C (ug/L) JUN Eff 29 21 28	Inf 226 261 249 222 240  Inf 133 141 143  139 2002 Inf 172 189 180	Eff 135 150 151 127 141  JUL Eff 25 28 24  26  JUL Eff 25 28 27	166 154 158 144 156 156 152 277 269 204 226 Inf 125 130 139	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG Eff 18 24 19	140 169 130 146 111 135 158 147 138 Inf 98 164 154	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP Eff 30 81 24	115 270 137 129 163 Inf 153 142 132 121 137	Eff  22 23 29 29 26  OCT Eff  26 22 23 20 23  OCT Eff  29 31 41	152 141 134 117 136 Inf 163 160 124 134 145	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26  NOV Eff 32	165 175 171 171 171 171 171 142 113 102 135 123 Inf 119 116 121	Eff 42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC Eff 21 23 23
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	126 181 152 150 152 Inf 145 124 122 121 128 Inf 140 152	Eff  32 33 50 43 40  JAN Eff 28 30 31 31 30  JAN Eff 26 31	182 190 151 175 175 175 142 129 138 136	Eff 62 69 67 69 67 FEB Eff 34 36 35  FEB Eff 29 40	142 179 148 147 154 Inf 124 123 109 135 123	Eff 37 33 30 58 40  MAR Eff 36 34 33 28 33  MAR Eff 28 25	136 110 116 121 166 141 225 142 169 Inf 134 140	Eff 35 26 27 29 APR Eff 29 29 57 46 40 APR Eff 31 26	182 179 148 154 166 166 157 133 160 155 151	Eff 39 33 39 31 36  MAY Eff 41 39 46 42 42  MAY Eff 28 21	Inf 144 126 155 170 149  ZINC (ug Inf 188 157 154 124 156  ZINC Inf 139 127	JUN Eff 24 23 28 25   /L) 2001 JUN Eff 66 27 39 41 43   C (ug/L) JUN Eff 29 21	Inf 226 261 249 222 240  Inf 133 141 143  139 2002 Inf 172 189	Eff 135 150 151 127 141  JUL Eff 25 28 24  26  JUL Eff 25 28	166 154 158 144 156 156 16 152 277 269 204 226	Eff 25 21 27 23 24 AUG Eff 29 30 29 27 29 AUG Eff 18 24	140 169 130 146 146 111 135 158 147 138	Eff 27 25 20 24 SEP Eff 20 25 37 35 29 SEP Eff 30 81	115 270 137 129 163 Inf 153 142 132 121 137	Eff  22 23 29 29 26  OCT Eff  26 22 23 20 23  OCT Efff  29 31	152 141 134 117 136 Inf 163 160 124 134 145	Eff  26 27 34 33 30  NOV Eff 30 24 25 24 26  NOV Eff 32 25	165 175 171 171 171 171 171 142 113 102 135 123	Eff 42 31 33 35 35  DEC Eff 29 25 21 21 24  DEC Eff 21 23

											10MMA	NIA (mg/	L) 1997											
		JAN		FEB		MAR		APR		MAY		JÙN	,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	29.3	28.2	29.9	29.7	30.5	29.1			28.5	28.3	28.5	27.1	27.9	27.4	26.0	24.5			22.6	20.8	24.4	24.0	24.7	24.3
2	30.2	29.0	27.5	26.6	30.3	30.2	31.5	30.3	30.0	31.1	27.1	26.0	26.6	29.2	30.9	27.0	23.5	20.9	23.3	22.8	24.4	24.7	25.3	25.3
3	28.0	27.6	27.8	26.3	28.8	29.4	30.5	29.7	26.7	27.1	31.5	30.3	23.6	22.9	23.5	24.8	22.8	22.9	24.5	22.0	24.8	23.8	24.7	26.2
4	18.3 26.5	19.1 26.0	30.4 28.9	29.4	31.1	29.6 29.6	30.5	30.0	27.5	27.6 28.5	27.2	26.9 27.6	30.6 27.2	30.4 27.5	24.4	24.6 25.2	22.4	22.2	26.0 24.1	26.8	25.1 24.7	25.0 24.4	25.3 25.0	24.7 25.1
Average	20.5	20.0	20.9	20.0	30.2	29.0	30.0	30.0	20.2	20.3	20.0	27.0	21.2	27.3	20.2	23.2	22.9	22.0	24.1	23.1	24.7	24.4	23.0	23.1
											AMMO	NIA (mg/	L) 1998											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	25.4	25.6	20.5	20.8	24.3	25.9	NA	NA	28.2	27.0	28.3	28.1	25.9	25.4	26.9	25.3	21.3	22.6	18.7	19.1	28.1	29.2	27.3	27.4
2 3	23.5 22.5	22.7 22.1	19.7 17.5	21.5 17.5	25.4 23.1	24.6 26.2	24.1 26.7	24.1 27.1	26.0 27.6	25.4 27.5	27.5 28.0	27.2 28.3	27.5 26.2	27.9 26.1	22.9 27.2	20.2 27.1	22.6 24.0	21.3 23.8	23.0 26.7	21.1 26.6	23.3 26.6	24.4 24.5	27.4 25.9	25.7 25.8
4	25.6	25.2	17.3	17.5	23.1	24.8	27.9	28.1	26.8	26.8	23.7	20.3	20.2	20.1	26.9	26.1	20.6	22.4	24.3	24.6	25.8	25.6	28.1	25.0
Average	24.3	23.9	19.2	19.9	24.2	25.4	19.7	19.8	27.2	26.7	26.9	26.5	26.5	26.5	26.0	24.7	22.1	22.5	23.2	22.9	26.0	25.9	27.2	26.0
7. To. ago	20	2017	.,	.,,,		20		.,,,		20	20.7	20.0	20.0	20.0	20.0			22.0	20.2		20.0	2017	27.2	20.0
											OMMA	NIA (mg/	L) 1999											
\A/ I-	16	JAN	16	FEB	16	MAR	16	APR	16	MAY	16	JUN	16	JUL	16	AUG	16	SEP	16	OCT	16	NOV	16	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff 25.1	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	25.4 32.2	24.1 27.2	25.0 27.3	24.4 26.7	27.5 24.1	25.1 25.5	24.5 28.3	23.8 28.0	26.3 26.5	25.0 26.3	30.5 27.3	28.7 25.4	31.5 26.4	30.7 26.1	26.7 27.9	23.1 27.1	15.1 26.2	34.0 24.9	27.1 28.2	27.7 27.7	28.5 30.4	27.8 30.4	31.4 28.4	31.0 28.5
3	32.2 27.7	28.4	24.4	20.7	28.6	28.7	26.3 27.8	26.0 27.9	30.1	20.3 27.8	30.7	25.4	26.4	27.6	27.9 29.7	27.1	27.8	28.9	26.2 26.1	26.6	29.3	30.4 29.1	26.4	26.4
4	27.7	20.4	30.9	28.4	26.5	25.9	28.7	27.3	30.1	27.0	28.8	26.3	28.8	26.3	25.8	25.3	27.8	20.5	25.3	24.5	27.5	27.1	29.4	26.7
Average	28.4	26.6	26.9	24.9	26.7	26.3	27.3	26.8	27.6	26.4	29.3	27.1	28.2	27.7	27.5	25.9	24.2	27.1	26.7	26.6	29.4	29.1	28.9	28.2
Ü																								
		1001		EED		MAD					OMMA	VIA (mg/	L) 2000			4110		055						
		JAN																						
Mook	Inf		Inf	FEB	Inf	MAR	Inf	APR	Inf	MAY	Inf	JUN	Inf	JUL	Inf	AUG	Inf	SEP	Inf	OCT	Inf	NOV	Inf	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	27.0	Eff 27.2	28.4	Eff 28.2	26.3	Eff 25.9	27.5	Eff 28.6	26.9	Eff 27.2	28.2	Eff 28.6	28.0	Eff 27.9	28.9	Eff 28.3	27.5	Eff 28.1	26.9	Eff 26.3	27.3	Eff 26.3	28.3	Eff 28.8
1 2	27.0 28.1	Eff 27.2 26.9	28.4 29.3	Eff 28.2 29.1	26.3 28.0	Eff 25.9 27.6	27.5 27.7	Eff 28.6 28.6	26.9 29.0	Eff 27.2 29.4	28.2 29.7	Eff 28.6 28.0	28.0 29.0	Eff 27.9 27.4	28.9 27.0	Eff 28.3 26.5	27.5 27.0	Eff 28.1 28.1	26.9 26.7	Eff 26.3 27.4	27.3 26.0	Eff 26.3 26.9	28.3 29.1	Eff 28.8 29.4
1	27.0	Eff 27.2	28.4	Eff 28.2	26.3	Eff 25.9	27.5	Eff 28.6	26.9	Eff 27.2	28.2	Eff 28.6	28.0	Eff 27.9	28.9	Eff 28.3	27.5	Eff 28.1	26.9	Eff 26.3	27.3	Eff 26.3	28.3	Eff 28.8
1 2 3	27.0 28.1 26.1	27.2 26.9 25.6	28.4 29.3 27.2	28.2 29.1 25.8	26.3 28.0 26.9	25.9 27.6 29.4	27.5 27.7	Eff 28.6 28.6	26.9 29.0 30.1	Eff 27.2 29.4 29.1	28.2 29.7 28.4	28.6 28.0 28.1	28.0 29.0 28.5	27.9 27.4 28.8	28.9 27.0 25.9	28.3 26.5 25.0	27.5 27.0	Eff 28.1 28.1	26.9 26.7 27.2	26.3 27.4 27.0	27.3 26.0 25.4	26.3 26.9 27.0	28.3 29.1 28.7	28.8 29.4 28.8
1 2 3 4	27.0 28.1 26.1 28.1	Eff 27.2 26.9 25.6 28.0	28.4 29.3 27.2 27.7	Eff 28.2 29.1 25.8 27.4	26.3 28.0 26.9 28.9	25.9 27.6 29.4 30.4	27.5 27.7 28.0	28.6 28.6 27.9	26.9 29.0 30.1 28.2	Eff 27.2 29.4 29.1 27.7	28.2 29.7 28.4 29.6 29.0	Eff 28.6 28.0 28.1 26.3 27.8	28.0 29.0 28.5 28.5 28.5	27.9 27.4 28.8 26.6	28.9 27.0 25.9 27.5	28.3 26.5 25.0 27.9	27.5 27.0 27.0	28.1 28.1 26.3	26.9 26.7 27.2 29.1	Eff 26.3 27.4 27.0 28.0	27.3 26.0 25.4 28.0	Eff 26.3 26.9 27.0 26.9	28.3 29.1 28.7 29.9	28.8 29.4 28.8 29.7
1 2 3 4	27.0 28.1 26.1 28.1	Eff 27.2 26.9 25.6 28.0 26.9	28.4 29.3 27.2 27.7	28.2 29.1 25.8 27.4 27.6	26.3 28.0 26.9 28.9	Eff 25.9 27.6 29.4 30.4 28.3	27.5 27.7 28.0	Eff 28.6 28.6 27.9 28.4	26.9 29.0 30.1 28.2	27.2 29.4 29.1 27.7 28.4	28.2 29.7 28.4 29.6 29.0	Eff 28.6 28.0 28.1 26.3 27.8	28.0 29.0 28.5 28.5 28.5	Eff 27.9 27.4 28.8 26.6 27.7	28.9 27.0 25.9 27.5	Eff 28.3 26.5 25.0 27.9 26.9	27.5 27.0 27.0	28.1 28.1 26.3 27.5	26.9 26.7 27.2 29.1	26.3 27.4 27.0 28.0 27.2	27.3 26.0 25.4 28.0	26.3 26.9 27.0 26.9 26.8	28.3 29.1 28.7 29.9	28.8 29.4 28.8 29.7 29.2
1 2 3 4 Average	27.0 28.1 26.1 28.1 27.3	Eff 27.2 26.9 25.6 28.0 26.9	28.4 29.3 27.2 27.7 28.2	Eff 28.2 29.1 25.8 27.4 27.6	26.3 28.0 26.9 28.9 27.5	Eff 25.9 27.6 29.4 30.4 28.3	27.5 27.7 28.0 27.3	28.6 28.6 27.9 28.4	26.9 29.0 30.1 28.2 28.6	Eff 27.2 29.4 29.1 27.7 28.4	28.2 29.7 28.4 29.6 29.0	Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN	28.0 29.0 28.5 28.5 28.5 28.5	Eff 27.9 27.4 28.8 26.6 27.7	28.9 27.0 25.9 27.5 27.3	Eff 28.3 26.5 25.0 27.9 26.9	27.5 27.0 27.0 24.2	28.1 28.1 26.3 27.5	26.9 26.7 27.2 29.1 27.5	26.3 27.4 27.0 28.0 27.2	27.3 26.0 25.4 28.0 26.7	26.3 26.9 27.0 26.9 26.8	28.3 29.1 28.7 29.9 29.0	28.8 29.4 28.8 29.7 29.2
1 2 3 4 Average	27.0 28.1 26.1 28.1 27.3	27.2 26.9 25.6 28.0 26.9 JAN Eff	28.4 29.3 27.2 27.7 28.2	28.2 29.1 25.8 27.4 27.6	26.3 28.0 26.9 28.9 27.5	Eff 25.9 27.6 29.4 30.4 28.3 MAR Eff	27.5 27.7 28.0 27.3	28.6 28.6 27.9 28.4 APR Eff	26.9 29.0 30.1 28.2 28.6	27.2 29.4 29.1 27.7 28.4 MAY Eff	28.2 29.7 28.4 29.6 29.0 AMMON	Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff	28.0 29.0 28.5 28.5 28.5 28.5 L) 2001	27.9 27.4 28.8 26.6 27.7 JUL Eff	28.9 27.0 25.9 27.5 27.3	28.3 26.5 25.0 27.9 26.9 AUG Eff	27.5 27.0 27.0 24.2	28.1 28.1 26.3 27.5	26.9 26.7 27.2 29.1 27.5	26.3 27.4 27.0 28.0 27.2 OCT Eff	27.3 26.0 25.4 28.0 26.7	26.3 26.9 27.0 26.9 26.8 NOV Eff	28.3 29.1 28.7 29.9 29.0	28.8 29.4 28.8 29.7 29.2 DEC Eff
1 2 3 4 Average	27.0 28.1 26.1 28.1 27.3	27.2 26.9 25.6 28.0 26.9 JAN Eff 28.8	28.4 29.3 27.2 27.7 28.2 Inf 29.9	Eff 28.2 29.1 25.8 27.4 27.6 FEB Eff 32.5	26.3 28.0 26.9 28.9 27.5	Eff 25.9 27.6 29.4 30.4 28.3 MAR Eff 26.0	27.5 27.7 28.0 27.3 Inf 30.3	28.6 28.6 27.9 28.4 APR Eff 28.7	26.9 29.0 30.1 28.2 28.6	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1	28.2 29.7 28.4 29.6 29.0 AMMOI Inf 28.8	Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff 28.0	28.0 29.0 28.5 28.5 28.5 2001 Inf 29.4	Eff 27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2	28.9 27.0 25.9 27.5 27.3	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7	27.5 27.0 27.0 24.2 Inf 28.2	28.1 28.1 26.3 27.5 SEP Eff 27.9	26.9 26.7 27.2 29.1 27.5	Eff 26.3 27.4 27.0 28.0 27.2  OCT Eff 29.1	27.3 26.0 25.4 28.0 26.7	Eff 26.3 26.9 27.0 26.9 26.8  NOV Eff 26.9	28.3 29.1 28.7 29.9 29.0	28.8 29.4 28.8 29.7 29.2 DEC Eff
1 2 3 4 Average	27.0 28.1 26.1 28.1 27.3	27.2 26.9 25.6 28.0 26.9 JAN Eff	28.4 29.3 27.2 27.7 28.2	28.2 29.1 25.8 27.4 27.6	26.3 28.0 26.9 28.9 27.5	Eff 25.9 27.6 29.4 30.4 28.3 MAR Eff	27.5 27.7 28.0 27.3	28.6 28.6 27.9 28.4 APR Eff	26.9 29.0 30.1 28.2 28.6	27.2 29.4 29.1 27.7 28.4 MAY Eff	28.2 29.7 28.4 29.6 29.0 AMMON	Eff 28.6 28.0 28.1 26.3 27.8 NIA (mg/ JUN Eff	28.0 29.0 28.5 28.5 28.5 28.5 L) 2001	27.9 27.4 28.8 26.6 27.7 JUL Eff	28.9 27.0 25.9 27.5 27.3	28.3 26.5 25.0 27.9 26.9 AUG Eff	27.5 27.0 27.0 24.2	28.1 28.1 26.3 27.5	26.9 26.7 27.2 29.1 27.5	26.3 27.4 27.0 28.0 27.2 OCT Eff	27.3 26.0 25.4 28.0 26.7	26.3 26.9 27.0 26.9 26.8 NOV Eff	28.3 29.1 28.7 29.9 29.0	28.8 29.4 28.8 29.7 29.2 DEC Eff
1 2 3 4 Average  Week 1 2	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4	27.2 26.9 25.6 28.0 26.9 JAN Eff 28.8 23.0	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4	26.3 28.0 26.9 28.9 27.5	Eff 25.9 27.6 29.4 30.4 28.3 MAR Eff 26.0 24.4	27.5 27.7 28.0 27.3 Inf 30.3 27.6	28.6 28.6 27.9 28.4 APR Eff 28.7 27.9	26.9 29.0 30.1 28.2 28.6	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4	28.2 29.7 28.4 29.6 29.0 AMMOI Inf 28.8 29.8	Eff 28.6 28.0 28.1 26.3 27.8 VIA (mg/ JUN Eff 28.0 29.4	28.0 29.0 28.5 28.5 28.5 2001 Inf 29.4 30.0	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1	27.5 27.0 27.0 24.2 Inf 28.2 28.4	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6	26.9 26.7 27.2 29.1 27.5	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3	28.8 29.4 28.8 29.7 29.2 DEC Eff 27.7 26.9
1 2 3 4 Average  Week 1 2 3	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7	27.2 26.9 25.6 28.0 26.9 JAN Eff 28.8 23.0 27.2	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1	28.6 28.6 27.9 28.4 APR Eff 28.7 27.9 30.0	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2	Eff 27.2 29.4 29.1 27.7 28.4 MAY Eff 29.1 29.4 29.7	28.2 29.7 28.4 29.6 29.0 AMMOI Inf 28.8 29.8 29.1	Eff  28.6 28.0 28.1 26.3 27.8  VIA (mg/ JUN Eff  28.0 29.4 28.6	28.0 29.0 28.5 28.5 28.5 2001 Inf 29.4 30.0	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1 28.1	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7	28.8 29.4 28.8 29.7 29.2 DEC Eff 27.7 26.9 28.3
1 2 3 4 Average  Week 1 2 3 4	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4	Eff 28.6 28.6 27.9 28.4  APR Eff 28.7 27.9 30.0 31.5	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4	28.2 29.7 28.4 29.6 29.0 AMMOI Inf 28.8 29.8 29.1 28.3 29.0	Eff 28.6 28.0 28.1 26.3 27.8  VIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5	28.0 29.0 28.5 28.5 28.5 2001 Inf 29.4 30.0 29.4	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7 28.3	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1 28.1 25.8	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6	28.8 29.4 28.8 29.7 29.2 DEC Eff 27.7 26.9 28.3 26.9
1 2 3 4 Average  Week 1 2 3 4	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9 26.5	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4	Eff 28.6 28.6 27.9 28.4  APR Eff 28.7 27.9 30.0 31.5 29.5	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4 28.9	28.2 29.7 28.4 29.6 29.0 AMMOI Inf 28.8 29.8 29.1 28.3 29.0	Eff 28.6 28.0 28.1 26.3 27.8  NIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5	28.0 29.0 28.5 28.5 28.5 2001 Inf 29.4 30.0 29.4	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7 28.3	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9	Eff 28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6	Eff 28.8 29.4 28.8 29.7 29.2  DEC Eff 27.7 26.9 28.3 26.9 27.4
1 2 3 4 Average  Week 1 2 3 4	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4	Eff 28.6 28.6 27.9 28.4  APR Eff 28.7 27.9 30.0 31.5	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4	28.2 29.7 28.4 29.6 29.0 AMMOI Inf 28.8 29.8 29.1 28.3 29.0	Eff 28.6 28.0 28.1 26.3 27.8  VIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5	28.0 29.0 28.5 28.5 28.5 2001 Inf 29.4 30.0 29.4	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7 28.3	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1 28.1 25.8	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6	28.8 29.4 28.8 29.7 29.2 DEC Eff 27.7 26.9 28.3 26.9
1 2 3 4 Average  Week 1 2 3 4 Average	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9	Eff  28.6 28.6 27.9  28.4  APR Eff 28.7 27.9 30.0 31.5 29.5	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 29.4 29.7 27.4 28.9	28.2 29.7 28.4 29.6 29.0 AMMOI Inf 28.8 29.8 29.1 28.3 29.0	Eff 28.6 28.0 28.1 26.3 27.8  NIA (mg/ JUN Eff 28.0 28.6 28.0 28.5  NIA (mg/ JUN	28.0 29.0 28.5 28.5 28.5 28.5 L) 2001 Inf 29.4 30.0 29.4 29.6 L) 2002	Eff 27.9 27.4 28.8 26.6 27.7  JUL Eff 25.2 29.7 28.3  27.7  JUL	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9	Eff 28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0	Eff  28.8 29.4 28.8 29.7 29.2  DEC Eff  27.7 26.9 28.3 26.9 27.4  DEC
1 2 3 4 Average  Week 1 2 3 4 Average	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff  27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN Eff 5 JAN Eff	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB Eff	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2 26.1	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1  MAR Eff	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9	28.6 28.6 27.9 28.4 APR Eff 28.7 27.9 30.0 31.5 29.5	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9	Eff  27.2 29.4 29.1 27.7 28.4  MAY Eff  29.1 29.1 27.7 28.4	28.2 29.7 28.4 29.6 29.0 AMMOI 1nf 28.8 29.1 28.3 29.0 AMMOI	Eff 28.6 28.0 28.1 26.3 27.8  NIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5  NIA (mg/ JUN Eff	28.0 29.0 28.5 28.5 28.5 28.5 29.4 30.0 29.4 29.6 L) 2002 Inf	Eff 27.9 27.4 28.8 26.6 27.7  JUL Eff 25.2 29.7 28.3  27.7  JUL Eff	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9	28.3 26.5 25.0 27.9 26.9 AUG Eff 29.7 29.1 28.1 25.8 28.2	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0	Eff  28.8 29.4 28.8 29.7 29.2  DEC Eff  27.7 26.9 28.3 26.9 27.4  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 3 3 4 4 Average	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN Eff 27.6	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0 27.0 Inf 30.1 26.5 27.7	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB Eff 29.8 25.2 26	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2 26.1	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.6 27.2 26.1  MAR Eff 29 30.5 27.3	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9 Inf 27.9 28.6 31.9	Eff 28.6 28.6 27.9  28.4  APR Eff 28.7 27.9 30.0 31.5 29.5  APR Eff 28.3 28.0 30.2	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4 28.9  MAY Eff 300.8	28.2 29.7 28.4 29.6 29.0 AMMOI lnf 28.8 29.8 29.1 28.3 29.0 AMMOI lnf 27.2 27.2 27.2	Eff 28.6 28.0 28.1 26.3 27.8  NIA (mg/ JUN Eff 28.0 29.4 28.6 28.0 28.5  NIA (mg/ JUN Eff 26.0 26.3 25.8	28.0 29.0 28.5 28.5 28.5 28.5 29.4 30.0 29.4 29.6 L) 2002 Inf 28 27.4 28.8	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7 28.3 27.7 JUL Eff 26.3 25.5 28.3	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9 Inf 29.3 28.6 29.7	Eff 28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2  AUG Eff 29.0 27.2 29.4	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9 Inf 26.3 26.3 26.3	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3 SEP Eff 26 27.4 26.9	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9 Inf 28.0 27.2 27.4	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4 OCT Eff 26.6 26.3 26.9	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8 NOV Eff 29.1	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0 Inf 25.8 26.6 26.9	Eff 28.8 29.4 28.8 29.7 29.2  DEC Eff 27.7 26.9 28.3 26.9 27.4  DEC Eff 25.2 26.3 26.3
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	27.0 28.1 26.1 28.1 27.3 Inf 30.2 24.4 27.7 28.5 27.7	Eff 27.2 26.9 25.6 28.0 26.9  JAN Eff 28.8 23.0 27.2 26.9  JAN Eff 27.6 29.8	28.4 29.3 27.2 27.7 28.2 Inf 29.9 24.2 27.0 27.0	Eff 28.2 29.1 25.8 27.4 27.6  FEB Eff 32.5 24.4 26.7  27.9  FEB Eff 29.8 25.2	26.3 28.0 26.9 28.9 27.5 Inf 26.6 23.5 26.9 27.2 26.1	Eff 25.9 27.6 29.4 30.4 28.3  MAR Eff 26.0 24.4 26.1  MAR Eff 29 30.5	27.5 27.7 28.0 27.3 Inf 30.3 27.6 30.1 31.4 29.9	Eff  28.6 28.6 27.9  28.4  APR Eff  28.7 27.9 30.0 31.5 29.5  APR Eff  28.3 28.0	26.9 29.0 30.1 28.2 28.6 Inf 29.1 29.9 29.2 27.5 28.9	Eff 27.2 29.4 29.1 27.7 28.4  MAY Eff 29.1 29.4 29.7 27.4 28.9  MAY Eff 300.8 31.4	28.2 29.7 28.4 29.6 29.0 AMMOI 1nf 28.8 29.8 29.1 28.3 29.0 AMMOI 1nf 27.2 27.2	Eff 28.6 28.0 28.1 26.3 27.8 VIA (mg/ JUN Eff 28.0 29.4 28.6 28.5 VIA (mg/ JUN Eff 26.0 26.3	28.0 29.0 28.5 28.5 28.5 28.5 29.4 30.0 29.4 29.6 L) 2002 Inf 28 27.4	27.9 27.4 28.8 26.6 27.7 JUL Eff 25.2 29.7 28.3 27.7 JUL Eff 26.3 25.5	28.9 27.0 25.9 27.5 27.3 Inf 30.5 28.6 28.4 27.9 28.9	Eff 28.3 26.5 25.0 27.9 26.9  AUG Eff 29.7 29.1 28.1 25.8 28.2  AUG Eff 29.0 27.2	27.5 27.0 27.0 24.2 Inf 28.2 28.4 30.0 28.8 28.9 Inf 26.3 26.3	28.1 28.1 26.3 27.5 SEP Eff 27.9 27.6 29.4 28.3 28.3 SEP Eff 26 27.4	26.9 26.7 27.2 29.1 27.5 Inf 29.8 28.6 27.7 29.3 28.9	26.3 27.4 27.0 28.0 27.2 OCT Eff 29.1 28.6 27.6 28.1 28.4 OCT Eff 26.6 26.3	27.3 26.0 25.4 28.0 26.7 Inf 28.1 28.4 28.9 30.5 29.0	26.3 26.9 27.0 26.9 26.8 NOV Eff 26.9 27.4 31.2 29.7 28.8 NOV Eff 29.1 26.9	28.3 29.1 28.7 29.9 29.0 Inf 28.3 26.3 29.7 27.6 28.0	Eff  28.8 29.4 28.8 29.7 29.2  DEC Eff  27.7 26.9 28.3 26.9 27.4  DEC Eff  25.2 26.3

											CVANI	DE (ma/l	\ 1007											
		JAN		FEB		MAR		APR		MAY	CTAINI	DE (mg/L JUN	_) 1997	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.002	0.002	0.003	0.006	0.003	0.005	0.002	<0.002	0.004	0.090	0.004	0.005	0.002	0.006	0.003	0.002	0.006	0.015	0.003	0.008	0.003	0.007	0.008	0.005
2	< 0.002	0.003	0.003	0.003	0.002	0.003	0.003	0.003	< 0.002	0.003	0.005	0.015	0.003	0.034	0.003	0.003	0.003	0.002	0.004	0.018	0.002	0.007	0.008	0.007
3	0.002	0.007	0.003	0.005	0.003	0.003	0.004	0.003	0.004	0.003	0.004	0.007	0.002	0.006	0.003	0.005	0.004	0.004	0.005	0.013	0.006	0.007	0.004	0.005
4	0.002	0.003	0.003	0.005	0.004	0.005			0.003	0.005	0.003	0.006	0.004	0.008	0.004	0.008			0.005	0.008	0.007	0.007	0.005	0.005
Average	0.002	0.004	0.003	0.005	0.003	0.004	0.003	0.002	0.003	0.025	0.004	0.008	0.003	0.013	0.003	0.004	0.004	0.007	0.004	0.012	0.005	0.007	0.006	0.005
											CYANI	DE (mg/L	) 1998											
		JAN		FEB		MAR		APR		MAY		JUN	,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.003	0.004	0.002	<0.002	0.003	0.004	0.008	0.009	0.004	0.004	0.004	0.012	0.003	0.007	0.007	0.008	0.003	0.003	0.004	0.010	0.004	0.004	0.004	0.004
2	0.003	0.005	0.003	0.003	0.004	0.004	0.002	0.003	0.005	0.005	0.004	0.007	0.004	0.004	0.009	0.006	0.003	0.002	0.004	0.003	0.009	0.006	0.005	0.005
3	0.005	0.003	0.002	0.003	0.007	0.013	0.002	<0.002	0.004	0.005	0.004	0.003	0.004	0.004	0.004	0.009	0.026	0.018	0.010	0.008	0.004	0.003	0.005	0.005
4 Average	0.004	0.004	0.002	0.002	0.008	0.009	0.003	0.002	0.005	0.008	0.006	0.004	0.004	0.005	0.005	0.004	0.006	0.009	0.004	0.004	0.003	0.003	0.004	0.006
Average	0.004	0.004	0.002	0.002	0.000	0.007	0.004	0.004	0.003	0.003	0.003	0.000	0.004	0.003	0.000	0.007	0.010	0.000	0.000	0.000	0.003	0.004	0.003	0.003
											CYANI	DE (mg/L	.) 1999											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.004	0.009	0.004	0.006	0.005	0.005	0.003	0.003	0.004	0.003	0.003	0.004	0.003	0.007	0.004	0.004	<0.002	<0.002	0.013	0.014	0.003	0.010	0.003	0.004
2	0.003	0.007	0.005	0.007	0.008	0.011	0.003	0.003	0.003	0.003	0.004	0.004 0.007	0.003	<0.002	0.004	0.004	0.004	0.004	0.005	0.004	0.004	0.006	0.005	0.004
4	0.003	0.007	0.004 0.005	0.005 0.007	0.002	0.003	0.003 0.007	0.005 0.005	0.003	0.004	0.006 0.019	0.007	0.004 0.005	0.004	<0.002 <0.002	0.005 <0.002	0.004 0.008	0.001 0.006	0.004	0.004 0.003	0.003	0.005	0.006 0.004	0.007 0.003
Average	0.003	0.008	0.005	0.006	0.005	0.002	0.007	0.003	0.003	0.003	0.008	0.008	0.003	0.003	0.002	0.003	0.004	0.003	0.006	0.006	0.003	0.007	0.005	0.005
											CYANI	DE (mg/l	2000											
Maala	I É	JAN	l£	FEB	I F	MAR	l£	APR	l. F	MAY		JUN		JUL	l. F	AUG	I£	SEP	l £	OCT	I É	NOV	l £	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	JUN Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	0.006	Eff 0.005	0.004	Eff 0.003	0.005	Eff 0.005	0.005	Eff 0.004	0.004	Eff 0.004	Inf 0.004	JUN Eff 0.004	Inf 0.005	Eff 0.006	0.004	Eff 0.004	0.004	Eff 0.003	0.013	Eff 0.014	0.004	Eff 0.003	0.002	Eff 0.003
1 2	0.006 0.004	Eff 0.005 0.004	0.004 0.007	Eff 0.003 0.006	0.005 0.004	Eff 0.005 0.003	0.005 0.004	Eff 0.004 0.003	0.004 0.005	Eff 0.004 0.004	Inf 0.004 0.004	JUN Eff 0.004 0.004	Inf 0.005 0.002	Eff 0.006 0.003	0.004 0.003	Eff 0.004 0.003	0.004 0.005	Eff 0.003 0.003	0.013 0.005	Eff 0.014 0.004	0.004 0.004	Eff 0.003 0.004	0.002 0.003	Eff 0.003 0.003
1	0.006	Eff 0.005	0.004	Eff 0.003	0.005	Eff 0.005	0.005	Eff 0.004	0.004	Eff 0.004	Inf 0.004	JUN Eff 0.004	Inf 0.005	Eff 0.006	0.004	Eff 0.004	0.004	Eff 0.003	0.013	Eff 0.014	0.004	Eff 0.003	0.002	Eff 0.003
1 2 3	0.006 0.004 0.003 0.004	Eff 0.005 0.004 0.003	0.004 0.007 0.003	Eff 0.003 0.006 0.013	0.005 0.004 0.005	Eff 0.005 0.003 0.004	0.005 0.004	Eff 0.004 0.003	0.004 0.005 0.003	Eff 0.004 0.004 0.005	Inf 0.004 0.004 0.003	JUN Eff 0.004 0.004 0.006	Inf 0.005 0.002 0.003	Eff 0.006 0.003 0.003	0.004 0.003 0.004	Eff 0.004 0.003 0.003	0.004 0.005	Eff 0.003 0.003	0.013 0.005 0.004	Eff 0.014 0.004 0.004	0.004 0.004 0.004	Eff 0.003 0.004 0.003	0.002 0.003 0.007	Eff 0.003 0.003 0.006
1 2 3 4	0.006 0.004 0.003 0.004	Eff 0.005 0.004 0.003 0.003	0.004 0.007 0.003 0.004	Eff 0.003 0.006 0.013 0.003	0.005 0.004 0.005 0.005	Eff 0.005 0.003 0.004 0.005	0.005 0.004 0.004	Eff 0.004 0.003 0.003	0.004 0.005 0.003 0.003	Eff 0.004 0.004 0.005 0.002	Inf 0.004 0.004 0.003 0.004	JUN Eff 0.004 0.004 0.006 0.006	Inf 0.005 0.002 0.003 0.039 0.012	Eff 0.006 0.003 0.003 0.003	0.004 0.003 0.004 0.002	Eff 0.004 0.003 0.003 0.003	0.004 0.005 0.003	Eff 0.003 0.003 0.003	0.013 0.005 0.004 0.003	Eff 0.014 0.004 0.004 0.003	0.004 0.004 0.004 0.003	Eff 0.003 0.004 0.003 0.003	0.002 0.003 0.007 0.003	Eff 0.003 0.003 0.006 0.003
1 2 3 4	0.006 0.004 0.003 0.004	Eff 0.005 0.004 0.003 0.003	0.004 0.007 0.003 0.004	Eff 0.003 0.006 0.013 0.003 0.006	0.005 0.004 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004	0.005 0.004 0.004	Eff 0.004 0.003 0.003	0.004 0.005 0.003 0.003	Eff 0.004 0.004 0.005 0.002 0.004	Inf 0.004 0.004 0.003 0.004	JUN Eff 0.004 0.004 0.006 0.006 0.005	Inf 0.005 0.002 0.003 0.039 0.012	Eff 0.006 0.003 0.003 0.003 0.004	0.004 0.003 0.004 0.002	Eff 0.004 0.003 0.003 0.003 0.003	0.004 0.005 0.003	Eff 0.003 0.003 0.003	0.013 0.005 0.004 0.003	Eff 0.014 0.004 0.004 0.003 0.006	0.004 0.004 0.004 0.003	Eff 0.003 0.004 0.003 0.003	0.002 0.003 0.007 0.003	Eff 0.003 0.003 0.006 0.003 0.005
1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004	Eff 0.005 0.004 0.003 0.003 0.004	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006	0.005 0.004 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004	0.005 0.004 0.004 0.004	Eff 0.004 0.003 0.003 0.003	0.004 0.005 0.003 0.003 0.004	Eff 0.004 0.004 0.005 0.002 0.004	Inf 0.004 0.004 0.003 0.004 0.004	JUN Eff 0.004 0.004 0.006 0.006 0.005 DE (mg/L JUN	Inf 0.005 0.002 0.003 0.039 0.012	Eff 0.006 0.003 0.003 0.003 0.004	0.004 0.003 0.004 0.002 0.003	Eff 0.004 0.003 0.003 0.003 0.003	0.004 0.005 0.003	Eff 0.003 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006	Eff 0.014 0.004 0.004 0.003 0.006	0.004 0.004 0.004 0.003 0.004	Eff 0.003 0.004 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004	Eff 0.003 0.003 0.006 0.003 0.005
1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004	Eff 0.005 0.004 0.003 0.003 0.004 JAN Eff	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006 FEB Eff	0.005 0.004 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004	0.005 0.004 0.004 0.004	Eff 0.004 0.003 0.003 0.003	0.004 0.005 0.003 0.003 0.004	Eff 0.004 0.004 0.005 0.002 0.004	Inf 0.004 0.004 0.003 0.004 0.004 CYANI	JUN Eff 0.004 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff	Inf 0.005 0.002 0.003 0.039 0.012 L) 2001	Eff 0.006 0.003 0.003 0.003 0.004	0.004 0.003 0.004 0.002 0.003	0.004 0.003 0.003 0.003 0.003	0.004 0.005 0.003 0.004	Eff 0.003 0.003 0.003 0.003 SEP Eff	0.013 0.005 0.004 0.003 0.006	Eff 0.014 0.004 0.004 0.003 0.006	0.004 0.004 0.004 0.003 0.004	Eff 0.003 0.004 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004	Eff 0.003 0.003 0.006 0.003 0.005
1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004	Eff 0.005 0.004 0.003 0.003 0.004	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006	0.005 0.004 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004	0.005 0.004 0.004 0.004	Eff 0.004 0.003 0.003 0.003	0.004 0.005 0.003 0.003 0.004	Eff 0.004 0.004 0.005 0.002 0.004	Inf 0.004 0.004 0.003 0.004 0.004	JUN Eff 0.004 0.004 0.006 0.006 0.005 DE (mg/L JUN	Inf 0.005 0.002 0.003 0.039 0.012	Eff 0.006 0.003 0.003 0.003 0.004	0.004 0.003 0.004 0.002 0.003	Eff 0.004 0.003 0.003 0.003 0.003	0.004 0.005 0.003	Eff 0.003 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006	Eff 0.014 0.004 0.004 0.003 0.006	0.004 0.004 0.004 0.003 0.004	Eff 0.003 0.004 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004	Eff 0.003 0.003 0.006 0.003 0.005
1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004	Eff 0.005 0.004 0.003 0.003 0.004 JAN Eff 0.005	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006 FEB Eff 0.006	0.005 0.004 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004 MAR Eff 0.005	0.005 0.004 0.004 0.004	Eff 0.004 0.003 0.003 0.003 APR Eff 0.004	0.004 0.005 0.003 0.003 0.004	Eff 0.004 0.004 0.005 0.002 0.004 MAY Eff 0.003	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003	Inf 0.005 0.002 0.003 0.039 0.012 0.012 0.001	Eff 0.006 0.003 0.003 0.003 0.004 JUL Eff 0.003	0.004 0.003 0.004 0.002 0.003	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005	0.004 0.005 0.003 0.004 Inf 0.003 0.003	Eff 0.003 0.003 0.003 0.003 SEP Eff <0.002	0.013 0.005 0.004 0.003 0.006	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002	0.004 0.004 0.003 0.004 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003	0.002 0.003 0.007 0.003 0.004	Eff  0.003 0.003 0.006 0.003  0.005  DEC Eff  0.003 0.003
1 2 3 4 Average  Week 1 2	0.006 0.004 0.003 0.004 0.004 Inf 0.005 0.004	Eff 0.005 0.004 0.003 0.003 0.004 JAN Eff 0.005 0.004	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006 FEB Eff 0.006 0.003	0.005 0.004 0.005 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.005	0.005 0.004 0.004 0.004 0.004 0.003 0.004 0.002 0.002	Eff 0.004 0.003 0.003 0.003  APR Eff 0.004 0.004 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003 0.009 0.003	Inf 0.004 0.004 0.003 0.004 0.004  CYANI Inf 0.003 0.003 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003 0.003 0.003	Inf 0.005 0.002 0.003 0.039 0.012 2) 2001 Inf 0.003 0.003	Eff 0.006 0.003 0.003 0.003 0.004 JUL Eff 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005	Eff  0.004 0.003 0.003 0.003  0.003  AUG Eff  0.002 0.005 <0.002 <0.002	0.004 0.005 0.003 0.004 Inf 0.003 0.003	Eff 0.003 0.003 0.003 0.003  SEP Eff <0.002 0.003 0.002 0.002	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 <0.002 0.003 <0.002	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002	Eff  0.003 0.003 0.006 0.003  0.005  DEC Eff  0.003 0.003
1 2 3 4 Average  Week 1 2 3	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003	Eff 0.005 0.004 0.003 0.003 0.004 JAN Eff 0.005 0.004 0.003	0.004 0.007 0.003 0.004 0.005	Eff 0.003 0.006 0.013 0.003 0.006 FEB Eff 0.006 0.003	0.005 0.004 0.005 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004 MAR Eff 0.005 0.004	0.005 0.004 0.004 0.004 0.004 Inf 0.003 0.004 0.002	Eff 0.004 0.003 0.003 0.003 APR Eff 0.004 0.004 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002	Eff 0.004 0.004 0.005 0.002 0.004 MAY Eff 0.003 0.003 0.009	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003 0.003 0.003	Inf 0.005 0.002 0.003 0.039 0.012 2) 2001 Inf 0.003 0.003	Eff 0.006 0.003 0.003 0.003 0.004 JUL Eff 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002	Eff 0.004 0.003 0.003 0.003 0.003 AUG Eff 0.002 0.005 <0.002	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002	Eff 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003	0.014 0.004 0.004 0.003 0.006 OCT Eff < 0.002 <0.002 0.003	0.004 0.004 0.003 0.004 0.003 0.003 0.003 0.003	0.003 0.004 0.003 0.003 0.003 0.003 0.003 NOV Eff 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002
1 2 3 4 Average  Week 1 2 3 4	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004 0.003 0.003	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.006	Eff 0.003 0.006 0.013 0.003 0.006  FEB Eff 0.006 0.003 0.006	0.005 0.004 0.005 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.005	0.005 0.004 0.004 0.004 0.004 0.003 0.004 0.002 0.002	Eff 0.004 0.003 0.003 0.003  APR Eff 0.004 0.004 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003 0.009 0.003	Inf 0.004 0.004 0.003 0.004 0.004  CYANI Inf 0.003 0.003 0.003 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003 0.003 0.003	Inf 0.005 0.002 0.003 0.039 0.012 10f 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.003 0.004 JUL Eff 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff  0.004 0.003 0.003 0.003  0.003  AUG Eff  0.002 0.005 <0.002 <0.002	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002	Eff 0.003 0.003 0.003 0.003  SEP Eff <0.002 0.003 0.002 0.002	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 <0.002 0.003 <0.002	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002
1 2 3 4 Average  Week 1 2 3 4	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004 0.003 0.004	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.006	Eff 0.003 0.006 0.013 0.003 0.006  FEB Eff 0.006 0.003 0.006	0.005 0.004 0.005 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.004 0.004 0.004	0.005 0.004 0.004 0.004 0.004 0.003 0.004 0.002 0.002	Eff 0.004 0.003 0.003  APR Eff 0.004 0.004 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003 0.009 0.003	Inf 0.004 0.004 0.003 0.004 0.004  CYANI Inf 0.003 0.003 0.003 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003 0.003 0.003 0.003 DE (mg/L Mg/L Mg/L Mg/L Mg/L Mg/L Mg/L Mg/L M	Inf 0.005 0.002 0.003 0.039 0.012 10f 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005 <0.002 <0.002 0.003	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002	Eff 0.003 0.003 0.003 0.003  SEP Eff <0.002 0.002 0.002 0.002	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 <0.002 0.003 <0.002 0.003	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002 0.002
1 2 3 4 Average  Week 1 2 3 4	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004 0.003 0.003	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.006	Eff 0.003 0.006 0.013 0.003 0.006  FEB Eff 0.006 0.003 0.006	0.005 0.004 0.005 0.005 0.005 0.005	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.005	0.005 0.004 0.004 0.004 0.004 0.003 0.004 0.002 0.002	Eff 0.004 0.003 0.003 0.003  APR Eff 0.004 0.004 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003 0.009 0.003	Inf 0.004 0.004 0.003 0.004 0.004  CYANI Inf 0.003 0.003 0.003 0.003 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003 0.003 0.003	Inf 0.005 0.002 0.003 0.039 0.012 10f 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.003 0.004 JUL Eff 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff  0.004 0.003 0.003 0.003  0.003  AUG Eff  0.002 0.005 <0.002 <0.002	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002	Eff 0.003 0.003 0.003 0.003  SEP Eff <0.002 0.003 0.002 0.002	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 <0.002 0.003 <0.002	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002
1 2 3 4 Average  Week 1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004 0.003 0.004	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.006	Eff 0.003 0.006 0.013 0.006 0.006  FEB Eff 0.006 0.003 0.006  FEB FEB	0.005 0.004 0.005 0.005 0.005 0.005 Inf 0.006 0.003 0.004 0.004	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.004 0.004 0.004 MAR	0.005 0.004 0.004 0.004 0.003 0.003 0.004 0.002 0.002 0.003	Eff 0.004 0.003 0.003  APR Eff 0.004 0.003 0.003  APR APR APR APR	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002 0.003	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.003 0.009 0.005	Inf 0.004 0.004 0.003 0.004 0.004  CYANI Inf 0.003 0.003 0.003 0.003 CYANI	JUN Eff 0.004 0.006 0.006 0.005  DE (mg/L JUN Eff 0.003 0.003 0.003 0.003 DE (mg/L JUN JUN LEFF DE (mg/L JUN LEFF DE (mg	Inf 0.005 0.002 0.003 0.039 0.012 1nf 0.003 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005 <0.002 <0.002 0.003  AUG	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002 0.003	Eff 0.003 0.003 0.003 0.003  SEP Eff <0.002 0.002 0.002 SEP	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.002 0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 <0.002 0.003 <0.002  0.003  OCT OCT OCT OCT OCT OCT OCT OCT OCT OC	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 0.004 0.004 0.004 <0.002 <0.002	Eff 0.003 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002 DEC
1 2 3 4 Average  Week 1 2 3 4 Average	0.006 0.004 0.003 0.004 0.004 0.005 0.005 0.004 0.003 0.003	Eff  0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004  JAN Eff 0.003 0.004  JAN Eff	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.005	Eff 0.003 0.006 0.013 0.006 0.006  FEB Eff 0.006 0.003 0.006  FEB Eff FEB Eff	0.005 0.004 0.005 0.005 0.005 0.005 Inf 0.006 0.003 0.004 0.004	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.004 0.004 0.004 MAR	0.005 0.004 0.004 0.004 0.003 0.004 0.002 0.002 0.003	Eff 0.004 0.003 0.003  APR Eff 0.004 0.003 0.003  APR Eff Ff 0.004 0.003 0.003 APR Eff	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002	Eff  0.004 0.005 0.002 0.004  MAY Eff  0.003 0.003 0.005  MAY Eff  MAY Eff	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003 0.003 0.003 0.003 0.004 CYANI Inf	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003 0.003 0.003 0.003 DE (mg/L JUN Eff JUN Eff JUN Eff JUN Eff JUN Eff	Inf 0.005 0.002 0.003 0.039 0.012 1.) 2001 Inf 0.003 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004 UL Eff 0.003 0.003 0.003 0.003 0.003 0.003 0.003 UL Eff	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 <0.002	Eff  0.004  0.003  0.003  0.003  AUG  Eff  0.002  0.005  <0.002  <0.002  AUG  Eff  AUG  Eff  AUG  Eff	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002 0.003	Eff 0.003 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.002 0.001 Inf 0.002 0.003	Eff  0.014 0.004 0.003 0.006  OCT Eff < 0.002 <0.002 0.003  O.003  OCT Eff  OCT Eff	0.004 0.004 0.003 0.004 0.003 0.003 0.003 0.003 0.003	Eff  0.003  0.004  0.003  0.003  0.003  NOV  Eff  0.003  0.003  0.003  NOV  Eff  NOV  Eff	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002 0.002	Eff 0.003 0.006 0.003 0.005  DEC Eff 0.003 0.003 <0.002 <0.002  DEC Eff Eff
Usek  Week  Average  Week  Average  Week  1 2 3 4  Average	0.006 0.004 0.003 0.004 0.004 0.005 0.004 0.003 0.003	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004  JAN Eff 0.005 0.004  JAN Eff 0.003	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.005 Inf 0.010 0.007 0.007	Eff 0.003 0.006 0.013 0.006  FEB Eff 0.006 0.003 0.006  FEB Eff 0.006 0.005	0.005 0.004 0.005 0.005 0.005 0.006 0.003 0.004 0.004 0.004	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.004 0.004 0.003 0.004  MAR Eff 0.005 0.004 0.003	0.005 0.004 0.004 0.004 0.003 0.004 0.002 0.002 0.003 0.003 0.003 0.002 0.003	Eff 0.004 0.003 0.003 0.003  APR Eff 0.004 0.003 0.003 0.003 0.004  APR Eff 0.004 0.003 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.007 0.002 0.003	Eff 0.004 0.005 0.002 0.004  MAY Eff 0.003 0.009 0.003 0.005  MAY Eff 0.005	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003 0.003 0.003 0.003 CYANI Inf 0.003 0.003 0.004 0.003	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003 0.003 0.003 0.003 DE (mg/L JUN Eff 0.003 0.003 0.003 0.003 0.003 0.003 DE (mg/L JUN Eff 0.003 0.002 <0.002 <0.002	Inf 0.005 0.002 0.003 0.039 0.012 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003  JUL Eff 0.003 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 0.002 Inf 0.002 0.003 <0.002	Eff 0.004 0.003 0.003 0.003 0.003  AUG Eff 0.002 0.005 <0.002 <0.002 0.003  AUG Eff 0.002 0.003	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002 0.003 0.003 0.003 0.005 0.004	Eff 0.003 0.003 0.003 0.003  SEP Eff <-0.002 0.002 0.002  SEP Eff 0.003 0.003 0.004	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.002 0.001 Inf 0.002 0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 0.003  OCT Eff 0.002 0.003  OCT Eff 0.002 0.003  OCT Eff	0.004 0.004 0.004 0.003 0.004 0.003 0.003 0.003 0.003 0.003	Eff 0.003 0.004 0.003 0.003 0.003  NOV Eff 0.003 0.003 0.003 0.003 0.003 0.003	0.002 0.003 0.007 0.003 0.004 Inf 0.004 0.004 <0.002 <0.002 0.002 Inf 0.003 0.003 0.003 0.002	Eff 0.003 0.005 0.005  DEC Eff 0.003 0.002 0.002  DEC Eff 0.003 0.002 0.002
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 2 3 4 Average	0.006 0.004 0.003 0.004 0.004 0.005 0.004 0.003 0.003 0.004 0.003 0.004	Eff 0.005 0.004 0.003 0.004  JAN Eff 0.005 0.004  JAN Eff 0.003 0.003 0.004  JAN Eff 0.003 0.003	0.004 0.007 0.003 0.004 0.005 Inf 0.006 0.004 0.005 Inf 0.010 0.010 0.007	Eff 0.003 0.006 0.013 0.006  FEB Eff 0.006 0.003 0.006  FEB Eff 0.006 0.005	0.005 0.004 0.005 0.005 0.005 0.006 0.006 0.003 0.004 0.004 0.004	Eff 0.005 0.003 0.004 0.005 0.004  MAR Eff 0.005 0.004 0.003 0.004  MAR Eff 0.006	0.005 0.004 0.004 0.004 0.003 0.004 0.002 0.002 0.003 0.003 0.003 0.003	Eff 0.004 0.003 0.003 0.003  APR Eff 0.004 0.003 0.003 0.004  APR Eff 0.004 0.003 0.003	0.004 0.005 0.003 0.003 0.004 Inf 0.002 0.002 0.002 0.002 0.003 Inf 0.005 0.006	Eff  0.004  0.005  0.002  0.004  MAY  Eff  0.003  0.009  0.003  MAY  Eff  0.005  MAY  Eff  0.005  0.005	Inf 0.004 0.004 0.003 0.004 0.004 CYANI Inf 0.003 0.003 0.003 0.004 0.003 CYANI Inf 0.004 0.002	JUN Eff 0.004 0.006 0.006 0.005 DE (mg/L JUN Eff 0.003 0.003 0.003 0.003 DE (mg/L JUN Eff 0.003 0.003 0.003 0.003 0.003 0.003 DE (mg/L JUN Eff 0.003 0.002 0.002	Inf 0.005 0.002 0.003 0.039 0.012 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003 0.003	Eff 0.006 0.003 0.003 0.004  JUL Eff 0.003 0.003 0.003  JUL Eff 0.003 0.003	0.004 0.003 0.004 0.002 0.003 Inf 0.003 0.005 <0.002 0.002 Inf 0.002 0.002	Eff 0.004 0.003 0.003 0.003 0.003 0.002 0.002 0.002 0.003 0.003 0.003 0.003 0.003 0.002 0.003 0.002	0.004 0.005 0.003 0.004 Inf 0.003 0.003 <0.002 <0.002 0.003 0.003 0.003	Eff 0.003 0.003 0.003 0.003	0.013 0.005 0.004 0.003 0.006 Inf 0.002 <0.002 0.003 <0.002 0.001 Inf 0.002 0.003	Eff 0.014 0.004 0.003 0.006  OCT Eff < 0.002 0.003 <-0.002 0.003  OCT Eff  0.002 0.003	0.004 0.004 0.004 0.003 0.004 Inf 0.003 0.003 0.003 0.003 0.003 0.003	Eff  0.003  0.004  0.003  0.003  0.003  NOV  Eff  0.003  0.003  NOV  Eff  0.003  0.003  0.003  0.003	0.002 0.003 0.007 0.003 0.004 0.004 0.004 <0.002 <0.002 0.002 0.002	Eff  0.003 0.006 0.003  0.005  DEC Eff  0.003 0.002  0.002  DEC Eff  0.003 0.002

EFFLUENT RADIATION (pCi/L) 1997

		JAN		FEB		MAR		APR		MAY		JUN	" ,	JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	агриа	Dota	агрта	Dota	aipiia	Dota	агриа	Dota	агриа	Dota	a.p.i.a	Dota	агриа	Dota	aipiia	Dota	агриа	Dota	агриа	Dota	aipiia	Dota	aipiia	
2	2.2	23.8	0.9	25.4	1.3	28.9	1.2	28.2	0.2	31.2	0.9	23.9	2.6	32.1	0.7	33.9	2.9	33.2	6.7	25.3	2.2	27.9	2.9	30.0
3																								
4																								
Average	2.2	23.8	0.9	25.4	1.3	28.9	1.2	28.2	0.2	31.2	0.9	23.9	2.6	32.1	0.7	33.9	2.9	33.2	6.7	25.3	2.2	27.9	2.9	30.0
											LUENT RA		l (pCi/L)					055						550
M1.	-1-1	JAN	-1	FEB	-1	MAR	-1-6-	APR	-1	MAY	-1	JUN	- lade -	JUL	- Luke	AUG	-1-1	SEP	-1	OCT	- I - I -	NOV	-1	DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1 2	2.3	33.1	1.4	23.4	1.5	21.5	2.8	19.2	3.3	48.0	4.8	28.6	2.8	32.5	3.8	21.0	0.3	33.7	1.5	16.7	1.4	26.0	1.4	27.0
3	2.3	JJ. I	1.4	23.4	1.5	21.3	2.0	17.2	3.3	40.0	4.0	20.0	2.0	32.3	3.0	21.0	0.5	33.7	1.5	10.7	1.4	20.0	1.4	27.0
4																								
Average	2.3	33.1	1.4	23.4	1.5	21.5	2.8	19.2	3.3	48.0	4.8	28.6	2.8	32.5	3.8	21.0	0.3	33.7	1.5	16.7	1.4	26.0	1.4	27.0
7. To. ago	2.0	0011	•••	20		20	2.0	.,	0.0		LUENT RA				0.0	20	0.0	00.7				20.0		27.10
		JAN		FEB		MAR		APR		MAY		JUN	,	JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1			1.4	26.1	2.8	18.7	4.2	28.9			1.7	29.2	0.7	21.7	0.7	21.7			2.0	43.4			4.3	31.8
2	1.5	30.1							-0.2	41.5							0.3	36.7			1.0	34.0		
3																								
4																								
Average	1.5	30.1	1.4	26.1	2.8	18.7	4.2	28.9	-0.2	41.5	1.7	29.2	0.7	21.7	0.7	21.7	0.3	36.7	2.0	43.4	1.0	34.0	4.3	31.8
		JAN		FEB		MAR		APR		MAY	LUENT RA	JUN	(pci/L)	JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	3.1	29.6	агрпа	beta	2.5	32.9	агрпа	DCta	2.8	36.4	1.8	28.1	3.3	33.7	агрпа	DCta	1.3	36.2	атрпа	DCta	0.7	25.2	1.7	29.2
2	5.1	27.0	1.9	35.8	2.5	32.7	2.0	30.4	2.0	30.4	1.0	20.1	3.3	55.7	2.5	34.6	1.5	30.2			0.7	25.2	1.7	27.2
3																			1.8	31.9				
4																								
Average	3.1	29.6	1.9	35.8	2.5	32.9	2.0	30.4	2.8	36.4	1.8	28.1	3.3	33.7	2.5	34.6	1.3	36.2	1.8	31.9	0.7	25.2	1.7	29.2
										EFFL	LUENT RA	ADIATION	l (pCi/L)	2001										
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	0.3	28.0	2.1	37.0	2.6	30.7	1.6	26.3			0.8	31.2			0.6	31.1	1.0	37.4			1.4	29.9	2.9	29.2
2									1.7	37.2			0.9	33.4					1.8	35.3				
3																								
	0.2	28.0	2.1	37.0	2.6	30.7	1.6	26.3	1.7	37.2	0.0	31.2	0.0	33.4	0.6	31.1	1.0	37.4	1.8	35.3	1 /	29.9	2.9	29.2
Average	0.3	20.0	۷.۱	37.0	∠.0	JU. /	1.0	20.3	1.7		0.8 LUENT RA		0.9 L(nCi/L)		0.0	31.1	1.0	37.4	1.0	33.3	1.4	27.7	2.9	27.2
		JAN		FEB		MAR		APR		MAY	LOCIAL IV	JUN	(POI/ L)	JUL		AUG		SEP		OCT		NOV		DEC
Week	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta	alpha	beta
1	2.7	28.5	1.5	37.1	1.6	33.4	1.9	32.5	1.9	13.3	1.2	35.7	0.7	21.5			0.1	27.9	1.5	14.9	1.3	25.5	0.8	14.9
2															1.8	12.2								
3																								
4																								
Average	2.7	28.5	1.5	37.1	1.6	33.4	1.9	32.5	1.9	13.3	1.2	35.7	0.7	21.5	1.8	12.2	0.1	27.9	1.5	14.9	1.3	25.5	0.8	14.9

										ALD	RIN AND	DIELDRIN	I (ng/L)	1997										
		JAN		FEB		MAR		APR		MAY		JUN	,	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd		1	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
											RIN AND	DIELDRIN	l (ng/L)											
147		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2 3	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
4	nd	nd	Hu	Hu	nd	nd	nd	nd	nd	nd	Hu	Hu	IIu	Hu	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Tiverage	na -	TIG.	110	na -	na	i i d	na -	na	i i d						i i d	i i d	na	i i d	TIG.	na -	iid.	i i d	na	i i d
		JAN		FEB		MAR		APR		ALD MAY	RIN AND	DIELDRIN JUN	I (ng/L)	1999 JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
										AI D	DIN AND	DIELDRIN	l (na/l)	2000										
		JAN		FFB		MAR		APR					· (g, _)			AUG		SEP		OCT		NOV		DEC
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY		JUN	Inf	JUL	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
Week	Inf nd		Inf nd		Inf nd	MAR Eff nd	Inf nd	APR Eff nd	Inf nd		Inf nd		_		Inf nd		Inf nd		Inf nd	OCT Eff nd	Inf nd	NOV Eff nd	Inf nd	DEC Eff nd
		Eff		Eff		Eff		Eff		MAY Eff	Inf	JUN Eff	Inf	JUL Eff		Eff		Eff		Eff		Eff		Eff
1	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	MAY Eff nd	Inf nd	JUN Eff nd	Inf	JUL Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd
1 2 3 4	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	MAY Eff nd nd nd	Inf nd nd nd	JUN Eff nd nd nd nd	Inf nd nd nd nd	JUL Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3	nd nd nd	eff nd nd nd	nd nd nd	eff nd nd nd	nd nd nd	eff nd nd nd	nd nd	Eff nd nd	nd nd nd	MAY Eff nd nd nd	Inf nd nd nd	JUN Eff nd nd nd	Inf nd nd nd	JUL Eff nd nd nd	nd nd nd	eff nd nd nd	nd nd	Eff nd nd	nd nd nd	Eff nd nd nd	nd nd nd	eff nd nd nd	nd nd nd	Eff nd nd nd
1 2 3 4	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	MAY Eff nd nd nd nd	Inf nd nd nd nd	JUN Eff nd nd nd nd	Inf nd nd nd nd	JUL Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3 4	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	MAY Eff nd nd nd nd	Inf nd nd nd nd	JUN Eff nd nd nd nd	Inf nd nd nd nd	JUL Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3 4	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	eff nd nd nd	nd nd nd nd	MAY Eff nd nd nd nd	Inf nd nd nd nd	JUN Eff nd nd nd nd nd DIELDRIN	Inf nd nd nd nd	JUL Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd	eff nd nd nd	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3 4 Average	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd nd	eff nd nd nd nd	nd nd nd	eff nd nd nd nd	nd nd nd nd	MAY Eff nd nd nd nd ALD	Inf nd nd nd nd nd	JUN Eff nd nd nd nd DIELDRIN JUN	Inf nd nd nd nd	JUL Eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd	eff nd nd nd	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3 4 Average  Week 1 2	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd nd	eff nd nd nd nd TEB	nd nd nd nd	eff nd nd nd nd MAR eff	nd nd nd	eff nd nd nd nd	nd nd nd nd nd	MAY Eff  nd nd nd nd  ALD MAY Eff	Inf nd nd nd nd nd Nd Inf	JUN Eff  nd nd nd nd  DIELDRIN JUN Eff	Inf nd nd nd nd l (ng/L) Inf nd nd	JUL Eff nd nd nd nd nd 2001 JUL Eff nd	nd nd nd nd	eff nd nd nd nd nd AUG Eff nd	nd nd nd	eff nd nd nd	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd
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1 2 3 4 Average  Week 1 2 3	nd nd nd nd nd	Eff  nd nd nd nd  nd  JAN  Eff  nd  NA  nd	nd nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  MAR  Eff  nd nd  nd	nd n	eff nd nd nd nd APR eff nd nd nd	nd nd nd nd nd nd nd nd	MAY Eff  nd nd nd nd  ALD MAY Eff  nd nd  nd  ALD MAY Eff  nd nd	Inf nd	JUN Eff  nd nd nd nd  DIELDRIN JUN Eff  nd nd	Inf nd nd nd nd l (ng/L) Inf nd nd	JUL Eff nd nd nd nd nd 2001 JUL Eff nd	nd nd nd nd nd nd nd nd	eff nd nd nd nd nd AUG eff nd nd	nd nd nd Inf NA nd nd	eff nd nd nd nd sep eff nd nd	nd nd nd nd nd nd nd	eff nd nd nd nd nd nd nd nd	nd nd nd nd nd nd nd nd	eff nd nd nd nd nd NOV Eff nd nd	nd nd nd nd nd nd	Eff  nd nd nd nd nd  nd  nd  nd
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1 2 3 4 Average Week 1 2 3 4	nd nd nd nd nd nd nd nd	Eff  nd nd nd nd  nd  nd  nd  nd  nd  nd	nd nd nd nd nd	Eff  nd nd nd nd nd nd nd nd	nd nd nd nd nd	Eff  nd nd nd nd nd  MAR  Eff  nd nd  nd  nd  nd  nd  nd  MAR  On  On  On  On  On  On  On  On  On  O	nd n	eff nd nd nd nd APR eff nd nd nd nd	nd n	MAY Eff  nd nd nd nd  ALD MAY Eff  nd nd  nd  nd  nd  nd  nd  nd  nd  n	Inf nd	JUN Eff  nd nd nd  nd  DIELDRIN JUN Eff  nd nd  nd  nd  nd  nd  nd  nd	Inf nd nd nd nd l (ng/L) Inf nd nd nd	JUL Eff  nd nd nd nd  Z001 JUL Eff nd nd nd  nd  nd  nd  A  A  A  A  A  A  A  A  A  A  A  A  A	nd n	Eff  nd  nd  nd  nd  nd  nd  nd  nd  nd	nd nd nd nd	eff nd nd nd nd sep eff nd nd nd	nd n	eff nd	nd n	Eff  nd nd nd nd nd nd nd nd nd	nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  nd  nd  nd  nd
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1 2 3 4 Average  Week 1 2 3 4 Average	nd nd nd nd nd	Eff  nd nd nd nd  nd  A  JAN  Eff  nd  NA  nd  nd  A  A  A  A  A  A  A  A  A  A  A  A  A	nd	Eff  nd nd nd nd nd nd  reference for the first section of the first sec	nd nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  MAR  Eff  nd nd nd  MAR  MAR	nd	Eff  nd nd nd  nd  APR  Eff  nd nd  nd  APR  APR	nd n	MAY Eff  nd nd nd nd  ALDI MAY Eff  nd nd  ALDI MAY MAY MAY MAY MAY MAY	Inf nd nd nd nd nd nd nd nd RIN AND Inf nd nd nd nd nd nd RIN AND	JUN Eff  nd nd nd nd  DIELDRIN JUN Eff nd nd nd  nd  DIELDRIN JUN O DIELDRIN DIELDRIN DIELDRIN DIELDRIN DIELDRIN JUN DIELDRIN	Inf nd nd nd nd nd l (ng/L) Inf nd nd nd nd	JUL Eff  nd nd nd nd  2001 JUL Eff  nd nd nd  d  JUL JUL JUL JUL JUL JUL JUL JUL JUL JU	nd nd nd nd nd	Eff nd nd nd nd nd nd  AUG Eff nd nd nd nd AUG AUG	nd	Eff  nd nd nd  nd  SEP  Eff  nd nd nd  nd  SEP  SEP	nd	Eff  nd nd nd nd  nd  OCT  Eff  nd nd  nd  od  OCT  OCT  OCT  OCT  OCT  OCT  OCT  OC	nd	Eff  nd nd nd nd nd  NOV  Eff  nd nd nd  NOV  NOV	nd nd nd nd nd	Eff  nd nd nd nd nd  DEC  Eff  nd nd nd  nd  DEC  DEC  DEC  DEC  DEC  DEC  DEC  DE
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											ENDR	IN (ng/L	) 1997											
		JAN		FEB		MAR		APR		MAY		JUN	,	JUL		AUG		SEP		OCT		NOV		DEC
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3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
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M/1-	I E	JAN	16	FEB	16	MAR	16	APR	16	MAY	16	JUN	16	JUL	16	AUG	16	SEP	16	OCT	16	NOV	16	DEC
Week 1	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
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4	nd	nd	Hu	Hu	nd	nd	nd	nd	nd	nd	Hu	Hu	nu	Hu	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
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		JAN		FEB		MAR		APR		MAY	LINDK	JUN	, 1777	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
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3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
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		JAN		FFB		MAR		APR		MAY	ENDR	IN (ng/L	2000	JUI		AUG		SEP		OCT		NOV		DEC
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Week 1	Inf nd		Inf nd	FEB Eff nd	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff	ENDR Inf nd	JUN			Inf nd		Inf nd	Eff	Inf nd	Eff	Inf nd	Eff		
		Eff nd		Eff	Inf nd nd	Eff nd	Inf nd nd	Eff nd	Inf nd nd	Eff nd	Inf	JUN Eff	Inf	Eff	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff nd	nd	Eff
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1 2 3 4 Average	nd nd nd nd	eff nd nd nd nd	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	eff nd nd nd nd	nd nd nd	eff nd nd nd nd	nd nd nd nd	eff nd nd nd nd	Inf nd nd nd nd nd ENDR	JUN Eff  nd nd nd nd nd  IN (ng/L  JUN	Inf nd nd nd nd nd ) 2001	eff nd nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd	nd nd nd	Eff nd nd nd	nd nd nd nd	eff nd nd nd nd	nd nd nd nd	eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd
1 2 3 4 Average	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	eff nd nd nd nd	nd nd nd nd	eff nd nd nd nd MAR eff	nd nd nd	eff nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd MAY Eff	Inf nd nd nd nd nd Inf	JUN Eff  nd nd nd nd  IN (ng/L  JUN Eff	Inf nd nd nd nd ) 2001	eff nd nd nd nd JUL Eff	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	eff nd nd nd SEP Eff	nd nd nd nd	eff nd nd nd nd oCT eff	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd	Eff nd nd nd nd nd
1 2 3 4 Average	nd nd nd nd	eff nd nd nd nd JAN eff	nd nd nd nd	eff nd nd nd nd TEB eff	nd nd nd nd nd	eff nd nd nd nd nd	nd nd nd	eff nd nd nd nd APR Eff nd	nd nd nd nd nd	eff nd nd nd nd nd MAY eff	Inf nd nd nd nd nd Inf nd nd nd	JUN Eff  nd nd nd nd  IN (ng/L  JUN Eff  nd	Inf nd nd nd nd nd log nd nd nd nd nd nd	eff nd nd nd nd JUL Eff	nd nd nd nd	eff nd nd nd nd AUG eff	nd nd nd	eff nd nd nd SEP Eff nd	nd nd nd nd	eff nd nd nd nd oct eff nd	nd nd nd nd	eff nd nd nd nd NOV Eff	nd nd nd nd	Eff  nd  nd  nd  nd  nd  DEC  Eff  nd
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1 2 3 4 Average  Week 1 2 3	nd nd nd nd nd nd	Eff nd nd nd nd nd JAN Eff nd NA nd	nd nd nd nd	eff nd nd nd nd nd	nd nd nd nd nd nd NA nd	Eff  nd nd nd nd  nd  MAR  Eff  nd  nd  nd	nd nd nd nd nd nd nd	eff nd nd nd nd APR eff nd nd nd	nd nd nd nd nd nd nd nd	Eff nd nd nd nd nd  MAY Eff nd nd nd	Inf nd nd nd nd nd nd nd nd nd	JUN Eff  nd nd nd nd  IN (ng/L JUN Eff  nd nd	Inf nd nd nd nd nd  nd nd nd	eff nd nd nd nd nd	nd nd nd nd nd nd nd	eff nd nd nd nd nd AUG eff nd nd	nd nd nd nd nd nd	eff nd nd nd nd sep eff nd nd	nd nd nd nd nd nd nd	eff nd nd nd nd nd OCT Eff nd nd	nd nd nd nd nd nd nd nd	eff nd nd nd nd nd NOV Eff nd nd	nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  nd  nd  nd
1 2 3 4 Average  Week 1 2 3 4	nd nd nd nd nd nd	Eff  nd nd nd nd  nd  NA  nd  nd	nd nd nd nd nd	Eff  nd nd nd nd nd nd nd nd	nd nd nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  MAR  Eff  nd nd  nd  nd  nd  Mod  Mod  Mod  Mod	nd n	eff nd nd nd nd APR Eff nd nd nd	nd n	Eff  nd nd nd nd nd  nd nd  nd  nd  nd  n	Inf nd	JUN Eff  nd nd nd nd  IN (ng/L JUN Eff nd nd nd nd	Inf nd nd nd nd nd  nd nd nd  nd  nd  nd	Eff  nd nd nd nd  nd  nd  nd  nd  nd  nd	nd n	Eff  nd  nd  nd  nd  nd  nd  nd  nd  nd	nd nd nd	eff nd nd nd nd sep eff nd nd nd	nd n	eff nd nd nd nd nd oCT eff nd nd nd	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd	nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  nd  nd  nd
1 2 3 4 Average  Week 1 2 3 4 Average	nd nd nd nd nd	Eff  nd nd nd nd  nd  JAN  Eff  nd  NA  nd  nd  JAN  And  And  And  And  And  And  And  A	nd	Eff  nd nd nd nd nd  reference for the second secon	nd nd nd nd nd	Eff  nd nd nd nd nd  MAR  Eff nd nd nd  MAR  MAR  MAR	nd n	Eff  nd nd nd  nd  APR  Eff  nd nd  nd  APR  APR	nd nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  MAY  Eff nd nd nd  MAY	Inf nd nd nd nd nd nd nd nd eNDR nd	JUN Eff  nd nd nd nd  IN (ng/L JUN Eff nd nd nd nd IN (ng/L HIN (ng/L L JUN L HIN (ng/L HIN (ng/L L HIN (ng/L HIN (ng/	Inf nd nd nd nd nd  nd nd nd  nd  nd  nd	Eff  nd nd nd nd  nd  DUL  Eff  nd nd  nd  JUL  JUL  JUL  JUL  JUL  JUL  JUL  JU	nd n	Eff  nd nd nd nd nd  AUG  Eff  nd nd nd  AUG  AUG  AUG  AUG  AUG  AUG	nd nd nd	Eff  nd nd nd  nd  SEP Eff  nd nd nd  sep sep sep sep sep sep sep sep sep se	nd n	Eff  nd nd nd nd nd  OCT Eff nd nd nd  OCT OCT OCT OCT OCT OCT	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV NOV	nd nd nd nd nd nd nd nd	Eff  nd nd nd nd nd  DEC Eff nd nd nd  Decc Decc Decc Decc Decc Decc Decc De
1 2 3 4 Average  Week 1 2 3 4 Average	nd nd nd nd nd	Eff  nd nd nd nd  nd  JAN  Eff  nd  NA  nd  nd  JAN  Eff  ff	nd	Eff  nd nd nd nd nd  reference for the second secon	nd nd nd nd nd	Eff  nd nd nd nd nd  MAR  Eff  nd nd  nd  MAR  Eff	nd n	Eff  nd nd nd  nd  APR Eff nd nd nd  APR Eff ff	nd n	Eff  nd nd nd nd nd  MAY Eff  nd nd nd  MAY Eff  MAY Eff	Inf nd nd nd nd nd nd nd nd nd ENDR inf nd	JUN Eff  nd nd nd nd  IN (ng/L JUN Eff nd nd nd  IN (ng/L JUN Eff IN IN (ng/L IN IN (ng/L IN IN (ng/L IN IN (ng/L IN (ng/L	Inf nd nd nd nd ) 2001 Inf nd nd nd	Eff  nd nd nd nd  nd  JUL  Eff  nd  nd  JUL  Eff  ff  JUL  Eff  ff	nd n	Eff  nd nd nd nd nd  AUG  Eff  nd nd  nd  AUG  Eff  AUG  Eff  AUG  Eff	nd n	Eff  nd nd nd  nd  SEP Eff nd nd nd  sep Eff	nd n	Eff  nd nd nd nd nd  OCT Eff nd nd nd  OCT Eff f	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV Eff Find nd nd NOV Eff	nd n	Eff  nd nd nd nd nd  DEC Eff  nd nd nd  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	nd n	Eff  nd nd nd nd  nd  JAN  Eff  nd  nd  JAN  eff  nd  nd  d  JAN  nd  nd  nd	nd n	Eff  nd nd nd nd nd  reference for the second secon	nd n	Eff  nd nd nd nd nd  MAR Eff nd nd nd  MAR Eff nd nd nd	nd n	Eff  nd nd nd  nd  APR Eff nd nd nd  APR Eff nd nd nd  APR Eff	nd n	Eff  nd nd nd nd nd  MAY Eff nd nd nd  MAY Eff nd nd nd	Inf nd nd nd nd ENDR Inf nd nd nd nd Inf nd	JUN Eff  nd nd nd nd IN (ng/L JUN Eff nd nd nd IN (ng/L JUN Eff nd nd nd nd nd nd IN (ng/L JUN Eff nd nd	Inf nd nd nd nd ) 2001 Inf nd nd nd ) 2002 Inf	Eff  nd nd nd nd  nd  JUL  Eff  nd  nd  JUL  Eff  nd  nd  nd	nd n	Eff  nd nd nd nd nd  AUG  Eff nd nd nd  AUG  eff nd nd nd	nd n	Eff  nd nd nd  nd  SEP Eff nd nd nd  SEP Eff nd nd nd nd	nd n	Eff  nd nd nd nd nd  OCT Eff nd nd nd  OCT Eff nd nd nd	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV Eff nd nd nd	nd n	Eff  nd nd nd nd nd  DEC Eff nd nd nd  DEC Eff nd nd nd
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 1 2 3 4 Average	nd n	Eff  nd nd nd nd  nd  JAN  Eff  nd  nd  JAN  eff  nd  nd  d  JAN  nd  nd  d  JAN  nd  nd	nd n	Eff  nd nd nd nd nd  reference for the second secon	nd n	Eff  nd nd nd nd nd  MAR Eff nd nd nd  MAR Eff nd nd nd  nd  MAR nd nd	nd	Eff  nd nd nd  nd  APR  Eff  nd nd  nd  APR  eff  nd nd  nd  APR  APR  eff  nd nd  nd	nd n	Eff  nd nd nd nd nd  MAY Eff nd nd nd  MAY eff nd nd nd	Inf nd nd nd nd ENDR Inf nd	JUN Eff  nd nd nd nd IN (ng/L JUN Eff nd nd nd IN (ng/L nd	Inf nd nd nd nd nd nd nd ) 2001 Inf nd	Eff  nd nd nd nd  nd  JUL  Eff  nd nd  d  JUL  ff  nd  nd  nd	nd n	Eff  nd nd nd nd nd  AUG  Eff nd nd nd  AUG  eff nd nd nd	nd n	Eff  nd nd nd  nd  SEP Eff nd nd nd  SEP Eff nd nd nd  SEP Eff nd nd	nd n	Eff  nd nd nd nd nd  OCT Eff nd nd nd  OCT Eff nd nd nd	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV Eff nd nd nd	nd n	Eff  nd nd nd nd  nd  DEC Eff  nd nd nd  nd  DEC Eff  nd nd nd  nd  nd  nd
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 3 3 4 Average	nd n	Eff  nd nd nd nd  nd  JAN  Eff  nd  nd  JAN  eff  nd  nd  d  JAN  nd  nd  nd	nd n	Eff  nd nd nd nd nd  FEB Eff nd nd nd  rd  nd  nd  nd  nd  nd  nd  n	nd n	Eff  nd nd nd nd  MAR  Eff  nd nd nd  nd  Man  nd  nd  nd  nd  nd  nd  nd  nd  nd	nd n	Eff nd nd nd nd  APR Eff nd nd nd nd  APR eff nd nd nd nd nd nd nd  APR eff nd nd nd nd	nd n	Eff  nd nd nd nd nd  MAY Eff nd nd nd  MAY Eff nd nd nd	Inf nd nd nd nd nd ENDR Inf nd	JUN Eff  nd nd nd nd IN (ng/L JUN Eff nd nd nd IN (ng/L JUN Eff nd nd nd nd IN (ng/L JUN Eff nd nd	Inf nd nd nd nd nd nd nd nd ) 2001  Inf nd	Eff  nd nd nd nd  JUL Eff  nd nd  nd  d  d  d  d  d  d  d  d  d	nd n	Eff  nd nd nd nd  AUG  Eff  nd nd nd  AUG  eff  nd nd  nd  nd  nd  nd  nd  nd  nd  n	nd n	Eff  nd nd nd  nd  SEP Eff  nd nd nd  nd  nd  nd  nd  nd  nd  nd	nd n	Eff  nd  nd  nd  nd  OCT  Eff  nd  nd  nd  od  nd  nd  nd  nd  nd  nd	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV Eff nd nd nd	nd n	Eff  nd nd nd nd  nd  DEC Eff  nd nd nd  nd  DEC Eff  nd nd nd  nd  nd  nd  nd  nd  nd
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 1 2 3 4 Average	nd n	Eff  nd nd nd nd  nd  JAN  Eff  nd  nd  JAN  eff  nd  nd  d  JAN  nd  nd  d  JAN  nd  nd	nd n	Eff  nd nd nd nd nd  reference for the second secon	nd n	Eff  nd nd nd nd nd  MAR Eff nd nd nd  MAR Eff nd nd nd  nd  MAR nd nd	nd	Eff  nd nd nd  nd  APR  Eff  nd nd  nd  APR  eff  nd nd  nd  APR  APR  eff  nd nd  nd	nd n	Eff  nd nd nd nd nd  MAY Eff nd nd nd  MAY eff nd nd nd	Inf nd nd nd nd ENDR Inf nd	JUN Eff  nd nd nd nd IN (ng/L JUN Eff nd nd nd IN (ng/L nd	Inf nd nd nd nd nd nd nd ) 2001 Inf nd	Eff  nd nd nd nd  nd  JUL  Eff  nd nd  d  JUL  ff  nd  nd  nd	nd n	Eff  nd nd nd nd nd  AUG  Eff nd nd nd  AUG  eff nd nd nd	nd n	Eff  nd nd nd  nd  SEP Eff nd nd nd  SEP Eff nd nd nd  SEP Eff nd nd	nd n	Eff  nd nd nd nd nd  OCT Eff nd nd nd  OCT Eff nd nd nd	nd n	Eff  nd nd nd nd nd  NOV Eff nd nd nd  NOV Eff nd nd nd	nd n	Eff  nd nd nd nd  nd  DEC Eff  nd nd nd  nd  DEC Eff  nd nd nd  nd  nd  nd

									F	ІСН-НЕХА	CHLORO	CYCLOHE	EXANES (	ng/L) 19	97									
		JAN		FEB		MAR		APR		MAY		JUN		JÚL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff																						
1	71	67	51	47	59	61	50	30	nd	nd	60	28	65	39	62	36	57	48	50	39	55	33	57	36
2	68	78	72	50	51	50	44	36	nd	nd	76	25	80	40	63	58	64	44	53	35	54	30	47	27
3	85	50	76	63	70	62	47	27	60	24	83	31	73	35	59	32	160	120	69	33	50	43	71	43
4	52	41	97	85	41	59	47	0.1	47	13	75	33	70	34	65	40	0.1	74	47	31	64	40	41	29
Average	69	59	74	61	55	58	47	31	27	9	74	29	72	37	62	42	94	71	55	35	56	37	54	34
									H	ІСН-НЕХА	CHLORO		EXANES (	0 ,	98									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff																						
1	45	30	37	26	37	29	46	24	24	34	28	32	46	48	66	33	44	26	68	27	43	24	32	27
2	61	37	45	29	39	33	28	21	32	27	53	32	45	34	55	31	42	31	53	35	49	27	32	21
3 4	54 47	39 32	29	25	49 46	27 25	30 42	26 30	39 36	42 32	37	36	42	37	56 54	30 34	42 45	25 28	57 50	25 25	43 31	29 21	30 34	21 26
Average	52	35	37	27	43	29	37	25	33	34	39	33	44	40	58	32	43	28	57	28	42	25	32	24
Morago	02	00	07	2,	10	2,	07	20								02	10	20	07	20		20	02	21
									H	ICH-HEXA	CHLORO		Exanes (	0 ,	99									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff																						
1	32	23	28	16	22	15	70	37	15	11	38	32	41	25	42	26	41	30	68	36	44	27	34	18
2	26 29	23	26	22	20	15	25	18	15	13 22	63	36	38	29	50	35	50	33	44	27	47	25	57	60
3 4	29	20	33 39	21 17	15 22	14 12	24 21	17 18	31	22	34 43	25 31	38 39	26 33	43 57	24 26	45 96	29 39	40 48	30 26	36	24	39 31	20 13
Average	29	22	32	19	20	14	35	23	20	15	45	31	39	28	48	28	58	33	50	30	42	25	40	28
Average	2,	22	32	17	20	17	33	23		ICH-HEXA						20	30	33	30	30	72	23	40	20
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff																						
1	46	17	27	19	16	14	31	11	44	26	57	27	41	30	36	19	37	23	56	26	24	17	73	29
2	41	25	30	18	25	19	15	11	32	34	42	22	29	17	37	19	34	17	31	20	46	27	62	nd
3	42	22	32	17	33	19	31	13	48	28	41	23	23	19	52	25	25	15	37	24	60	25	60	20
4	24	18	50	20	24	16			46	26	42	25	22	15	46	26			34	24	36	35	53	21
Average	38	21	35	19	25	17	26	12	43	29	46	24	29	20	43	22	32	18	40	24	42	26	62	18
									H	ІСН-НЕХА	CHLORO	CYCLOHE	EXANES (	ng/L) 20	01									
		JAN		FEB		MAR		APR		MAY		JUN		JÚL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff																						
1	51	22	37	17	26	14	51	13	38	21	NA	28	30	15	38	21	NA	18	35	18	50	15	58	19
2	0	0	32	14	NA	15	55	19	47	14	20	14	24	16	40	14	59	19	42	13	21	15	38	18
3	42	17	36	0	34	12	43	12	47	17	38	18	28	38	44	16	54	15	49	20	38	21	0	0
4	30	0	0.5	40	18	11	49	15	43	21	54	27	0.7		61	26	49	19	46	13	70	11	68	24
Average	31	10	35	10	26	13	50	15	44	18	37	22	27	23	46	19	41	18	43	16	45	16	41	15
									H	ICH-HEXA	CHLORO		EXANES (	0 ,	02									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff																						
1	39	18	35	17	26	21	31	13	nd	nd	36	nd	23	nd	45	16	16	nd	26	nd	14	nd	nd	nd
2	47	14	40	nd 15	19	15	24	nd 10	nd 14	nd 14	36	nd 10	32	nd	nd	nd 12	20	nd	48	22	13	13	nd	nd
3 4	45	17	33 38	15 16	40 45	nd 15	31 29	19 14	14	14	36 30	18	28 33	nd nd	50 18	12 16	27 28	20 12	99 11	24 nd	10	nd	nd nd	nd nd
<u> </u>	44	16	37	12	33	13	29	12	7	5	35	nd 5	29	nd nd	28	11	28	8	46	12	12	4	nd	nd nd
Average	44	10	31	12	၁၁	13	27	12	,	S	33	ວ	27	Hu	20	1.1	23	О	40	12	12	4	Hu	Hu

									СН	LORDANE	& RELA	TED COM	POUNDS	(ng/L) 1	997									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2	nd	nd	nd 100	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	50	nd	nd	nd	nd	nd	nd	nd	nd	nd
3 4	nd nd	nd nd	100 nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
Average	nd	nd	25	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	13	nd	nd	nd	nd	nd	nd	nd	nd	nd
Average	Hu	Hu	23	nu	IIu	nu	IIG	Hu	nu	Hu	na	Hu	nu	nu	13	IIu	IIG	nu	na	Hu	na	Tiu	Hu	Tiu
									СН	LORDANE	& RELA		POUNDS		998									
147		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	nd	nd nd	nd	nd nd	nd	nd nd	nd nd	nd nd	nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd nd
3	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
4	nd	nd	Hu	Hu	nd	nd	nd	nd	nd	nd	Hu	Hu	Hu	Hu	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3.																								
				EED				400	СН	LORDANE	& RELA		POUNDS		999	4110		oen.		0.07		NOV		DEO
Wook	Inf	JAN	Inf	FEB	Inf	MAR	Inf	APR	Inf	MAY	Inf	JUN	Inf	JUL	Inf	AUG	Inf	SEP	Inf	OCT	Inf	NOV	Inf	DEC
Week 1	Inf nd	Eff	Inf nd	Eff	Inf	Eff nd	Inf	Eff	Inf nd	Eff	Inf nd	Eff	Inf nd	Eff nd	Inf	Eff nd	Inf nd	Eff	Inf	Eff nd	Inf nd	Eff	Inf	Eff nd
2	nd	nd nd	nd	nd nd	nd nd	nd	nd nd	nd nd	nd	nd nd	nd	nd nd	nd	nd	nd nd	nd	nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
									CH	LORDANE	& RELA		POUNDS		000									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	<u>Eff</u>	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	77	210	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
2 3	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
4	nd	nd		Hu	Hu	Hu	Hu	Hu	Hu	Hu	Hu	Hu		Hu	Hu	Hu	Hu	Hu	Hu	Hu			Hu	
Average			nd	nd	nd	nd			nd	nd	nd	nd		nd	nd	nd			nd	nd	nd		nd	
	nd	nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd 19	nd 53	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
ū	nd						nd	nd	nd	nd	nd	19	nd 53	nd	nd		nd	nd				nd		nd
·	nd	nd		nd		nd	nd		nd	nd LORDANE	nd	19 TED COM	nd 53	nd (ng/L) 2	nd	nd	nd			nd		nd nd		nd nd
Wook		nd JAN	nd	nd FEB	nd	nd MAR		APR	nd CH	nd LORDANE MAY	nd E & RELA	19 TED COM JUN	nd 53 POUNDS	nd (ng/L) 2 JUL	nd 001	nd AUG		SEP	nd	nd OCT	nd	nd nd NOV	nd	nd nd DEC
Week	Inf	nd JAN Eff	nd Inf	nd FEB Eff	nd Inf	nd MAR Eff	Inf	APR Eff	nd CH Inf	nd LORDANE MAY Eff	nd E & RELA Inf	19 TED COM JUN Eff	nd 53 POUNDS Inf	nd (ng/L) 2 JUL Eff	nd 001 Inf	nd AUG Eff	Inf	SEP Eff	nd	nd OCT Eff	nd Inf	nd nd NOV Eff	nd Inf	nd nd DEC Eff
1	Inf nd	JAN Eff nd	nd Inf nd	nd FEB Eff nd	nd Inf nd	nd MAR Eff nd	Inf nd	APR Eff nd	nd CH Inf nd	nd LORDANE MAY Eff nd	nd E & RELA Inf NA	19 TED COM JUN Eff nd	nd 53 POUNDS Inf nd	nd (ng/L) 2 JUL Eff nd	nd 001 Inf nd	nd AUG Eff nd	Inf NA	SEP Eff nd	nd Inf nd	nd OCT Eff nd	nd Inf nd	nd nd NOV Eff nd	nd Inf nd	nd nd DEC Eff nd
1 2	Inf	nd JAN Eff	nd Inf	nd FEB Eff	nd Inf	nd MAR Eff	Inf	APR Eff	nd CH Inf	nd LORDANE MAY Eff	nd E & RELA Inf	19 TED COM JUN Eff	nd 53 POUNDS Inf	nd (ng/L) 2 JUL Eff	nd 001 Inf	nd AUG Eff	Inf	SEP Eff	nd	nd OCT Eff	nd Inf	nd nd NOV Eff	nd Inf	nd nd DEC Eff
1	Inf nd nd	JAN Eff nd nd	Inf nd nd	response	Inf nd NA	MAR Eff nd nd	Inf nd nd	APR Eff nd nd	nd CH Inf nd nd	nd LORDANE MAY Eff nd nd	nd E & RELA Inf NA nd	19 TED COM JUN Eff nd nd	nd 53 POUNDS Inf nd nd	nd (ng/L) 2 JUL Eff nd nd	nd 2001 Inf nd nd	nd AUG Eff nd nd	Inf NA nd	SEP Eff nd nd	Inf nd nd	nd OCT Eff nd nd	Inf nd nd	nd nd NOV Eff nd nd	Inf nd nd	nd nd DEC Eff nd nd
1 2 3	Inf nd nd nd	JAN Eff nd nd nd	Inf nd nd	response	Inf nd NA nd	MAR Eff nd nd nd	Inf nd nd nd	APR Eff nd nd nd	nd CH Inf nd nd nd	nd LORDANE MAY Eff nd nd nd	nd  & RELA  Inf  NA  nd  nd	TED COM JUN Eff nd nd nd	nd 53 POUNDS Inf nd nd	nd (ng/L) 2 JUL Eff nd nd	nd 001 Inf nd nd nd	AUG Eff nd nd nd	Inf NA nd nd	SEP Eff nd nd nd	Inf nd nd nd	oct Eff nd nd nd	Inf nd nd nd	nd nd NOV Eff nd nd nd	Inf nd nd nd	nd nd  DEC Eff nd nd nd
1 2 3 4	Inf nd nd nd nd	JAN Eff nd nd nd nd	Inf nd nd nd	FEB Eff nd nd nd	Inf nd NA nd nd	MAR Eff  nd  nd  nd  nd	Inf nd nd nd nd	APR Eff nd nd nd	nd  CH  Inf  nd  nd  nd  nd  nd  nd	nd ILORDANE MAY Eff nd nd nd nd nd	nd  E & RELA  Inf NA nd nd nd nd	TED COM JUN Eff nd nd nd nd	nd 53  POUNDS  Inf nd nd nd nd	nd (ng/L) 2 JUL Eff nd nd nd	nd O01 Inf nd nd nd nd nd nd	AUG Eff nd nd nd nd	Inf NA nd nd	SEP Eff nd nd nd	Inf nd nd nd nd	OCT Eff nd nd nd nd	Inf nd nd nd nd	nd nd NOV Eff nd nd nd nd	Inf nd nd nd nd	nd nd DEC Eff nd nd nd nd
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147		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
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1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
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Mook	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
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Week 1 2 3	Inf nd nd nd	JAN Eff nd nd	nd Inf nd	nd nd FEB Eff nd	nd nd nd Inf nd NA nd	nd nd MAR Eff nd nd	nd nd nd Inf nd nd nd	nd nd nd APR Eff nd nd nd	nd nd nd PC Inf nd nd nd	nd nd nd CBs-POLYO MAY Eff nd nd nd	nd nd nd CHLORIN  Inf NA nd nd	nd nd nd ATED BIP JUN Eff nd nd nd	nd nd PHENYLS Inf nd	nd nd (ng/L) 20 JUL Eff nd	nd	nd nd nd AUG Eff nd nd nd	nd nd nd Inf NA nd	nd nd nd SEP Eff nd nd nd	nd nd nd Inf nd nd nd	nd nd nd OCT Eff nd nd nd	nd	nd nd nd nd NOV Eff nd nd	nd	nd nd nd DEC Eff nd nd
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Week 1 2 3 4	Inf nd nd nd nd	nd nd JAN Eff nd nd nd nd nd	nd Inf nd nd nd	nd  respondence of the second	nd nd nd Inf nd NA nd nd	nd nd nd MAR Eff nd nd nd nd	nd nd nd Inf nd nd nd nd	nd nd nd APR Eff nd nd nd nd	nd	nd nd nd nd CBs-POLY(MAY Eff nd nd nd nd nd CBs-POLY(Cbs-POLY(Cbs-Poly(Cbs-	nd nd nd nd CHLORIN Inf NA nd nd nd nd	nd nd nd nd ATED BIP JUN Eff nd nd nd nd nd ATED BIP	nd nd rHENYLS Inf nd nd nd	nd nd  nd  (ng/L) 2i  JUL  Eff  nd  nd  nd  (ng/L) 2i	nd n	nd nd nd AUG Eff nd nd nd nd	nd nd nd Inf NA nd nd	nd nd  SEP Eff nd nd nd	nd nd nd Inf nd nd nd nd nd	nd n	nd n	nd nd nd nd NOV Eff nd nd nd nd	nd	nd n
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Week 1 2 3 4 Average	Inf nd nd nd nd nd	nd nd JAN Eff nd nd nd JAN Eff	nd  Inf  nd  nd  nd  nd	nd nd FEB Eff nd nd nd FEB Eff	nd	nd nd nd MAR Eff nd nd nd MAR Eff	nd	nd nd nd APR Eff nd nd nd APR Eff	nd	nd nd nd nd CBs-POLY(MAY Eff nd nd nd nd nd MAY Eff MAY Eff Ses-POLY(MAY Eff MAY Eff	nd nd nd nd CHLORIN Inf NA nd nd nd CHLORIN	nd nd nd nd ATED BIP JUN Eff nd nd nd nd THED BIP JUN ETH THED BIP JUN ETH	nd nd HENYLS Inf nd nd nd nd HENYLS Inf	nd nd (ng/L) 20 Eff nd nd nd (ng/L) 20 JUL Eff	nd n	nd nd nd AUG Eff nd nd nd AUG Eff	nd	nd nd nd SEP Eff nd nd nd SEP Eff	nd	nd nd nd nd OCT Eff nd nd nd OCT Eff	nd n	nd nd nd nd NOV Eff nd nd nd NOV Eff	nd	nd n
Week  1 2 3 4 Average	Inf nd nd nd nd nd nd	nd nd JAN Eff nd nd nd JAN Eff nd nd nd JAN Eff nd nd	nd  Inf nd nd nd nd nd nd	nd nd FEB Eff nd nd nd FEB Eff nd nd nd	nd n	nd nd nd MAR Eff nd nd nd MAR Eff nd nd nd md MAR Eff nd nd nd nd md md md md md MAR Eff nd nd nd	Inf nd nd nd Inf nd	nd nd nd APR Eff nd nd nd nd nd nd nd APR Eff nd nd nd	nd n	nd nd nd nd CBs-POLY(MAY Eff nd nd nd CBs-POLY(MAY Eff nd nd nd nd nd cBs-POLY(MAY Eff nd	nd nd nd nd CHLORIN Inf NA nd nd nd CHLORIN Inf nd nd CHLORIN Inf nd nd	nd nd nd nd ATED BIP JUN Eff nd nd nd nd ATED BIP JUN Eff nd nd nd nd ATED BIP	nd nd HENYLS Inf nd nd nd HENYLS Inf nd	nd nd  (ng/L) 20  Fff nd nd nd  (ng/L) 20  JUL Eff nd nd nd  nd  (ng/L) 20  JUL Eff nd nd nd	nd n	nd nd nd AUG Eff nd nd nd	nd n	nd nd nd SEP Eff nd nd nd SEP Eff nd nd nd	nd	nd n	nd n	nd n	nd n	nd n

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		JAN		FEB		MAR		APR		MAY		JUN	. 5 /	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
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		JAN		FEB		MAR		APR			AND DEF		S (ng/L)			AUG		SEP		ОСТ		NOV		DEC
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		JAN		FEB		MAR		APR		MAY	AND DEF	JUN	3 (Hg/L)	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	nd	NA	nd	nd	nd	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd									
2	nd	nd	nd	nd	NA	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd									
4	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd									
										דחח	AND DEF	ΣΙ\/ΔΤΙ\/Ε	( I/ na/l )	2002										
		JAN		FEB		MAR		APR		MAY	, and DLI	JUN	o (rig/L)	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	50	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
2	37	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd									
4			nd	nd	46	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Average	29	nd	nd	nd	12	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd

											TOXAPH	IENE (ng.	/L) 1997											
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
4 Average	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd
Average	Hu	Hu	Hu	nu	Hu	Hu	Hu	Hu	Hu	Hu	nu	Hu	nu	Hu	Hu	Hu								
				550				400			TOXAPH	IENE (ng	/L) 1998					055						550
\A/ I -	16	JAN	16	FEB	16	MAR	16	APR	I E	MAY	I E	JUN	16	JUL	16	AUG	16	SEP	16	OCT	16	NOV	16	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1 2	nd nd	nd	nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd	nd nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd	nd
3	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd								
4	nd	nd	nu	nu	nd	nd	nd	nd	nd	nd	IIG	Hu	nu	nu	nd	nd								
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
											TOVADL	IENE (ng.	/1 \ 1000											
		JAN		FEB		MAR		APR		MAY	TUXAFF	JUN	(L) 1999	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
4			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
		1001		EED				400			TOXAPH	IENE (ng.	/L) 2000			4110		oen.		0.07		NOV		DEO
Week	Inf	JAN Eff	Inf	FEB Eff	Inf	MAR Eff	Inf	APR Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	AUG Eff	Inf	SEP Eff	Inf	OCT Eff	Inf	NOV Eff	Inf	DEC Eff
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
4	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
											TOXAPH	IENE (ng.	/L) 2001											
10/	16	JAN	16	FEB	16	MAR	16	APR	I E	MAY	I E	JUN	16	JUL	16	AUG	16	SEP	16	OCT	16	NOV	16	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1 2	nd nd	nd	nd nd	nd nd	nd NA	nd nd	nd	nd	nd nd	nd nd	NA nd	nd nd	nd nd	nd nd	nd nd	nd nd	NA	nd nd	nd	nd nd	nd	nd nd	nd nd	nd nd
3	nd	nd nd	nd	nd nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd	nd nd	nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd	nd
4	nd	nd	na	na	nd	nd	nd	nd	nd	nd	nd	nd	ii d	na	nd	nd								
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
											TOVADI	JENIE /n~	/1 ) 2002											
		JAN		FEB		MAR		APR		MAY	TUXAPE	IENE (ng. JUN	/L) 2002	JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff										
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										
4			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd										

									СН	LORINATE	D PHEN	OLIC CON	1POUNDS	(ug/L)	1997									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
4	nd	nd	nd	nd	nd	nd	امما	ام ما	nd	nd	NA	nd	nd	nd	nd	nd	اه ما	na al	nd	nd	nd	nd	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
									СН	LORINATE	D PHEN	OLIC CON	1POUNDS	(ug/L)	1998									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
4	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd								
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
									СН	LORINATE	ED PHEN	OLIC CON	1POUNDS	(ug/L)	1999									
		JAN		FEB		MAR		APR		MAY		JUN		ĴUĹ		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
4			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd CL	nd LORINATE	nd nd	nd	nd nd	nd (ug (L)	nd	nd								
		JAN		FEB		MAR		APR	СП	MAY	D PHEIN	JUN	IFOUNDS	JUL	2000	AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
4	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
				FFD				400	СН	LORINATE	ED PHENO		1POUNDS		2001	4110		CED		0.07		NOV		DEO
Mook	Inf	JAN	Inf	FEB	Inf	MAR	Inf	APR	Inf	MAY	Inf	JUN	Inf	JUL	Inf	AUG	Inf	SEP	Inf	OCT	Inf	NOV	Inf	DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff								
1 2	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd	nd nd								
3	nd	nd	nd	nd	nd	nd	nd	Hu	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
4	nd	nd	iiu	110	nd	nd	iiu		nd	iiu	nd	nd	iiu	·Iu	nd	nd								
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
J																								
		LANI		FED		MAD		A DD	СН	LORINATE	ED PHENO		1POUNDS		2002	ALIC		CED		OCT		NOV		DEC
Week	Eff	JAN Inf	Eff	FEB Inf	Eff	MAR Inf	Eff	APR Inf	Eff	MAY Inf	Eff	JUN Inf	Eff	JUL Inf	Eff	AUG Inf	Eff	SEP Inf	Eff	OCT Inf	Eff	NOV Inf	Eff	DEC Inf
1	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
2	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
3	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								
4			nd	nd	nd	nd	nd	nd			nd	nd	nd	nd	nd	nd	nd	nd	nd	nd			nd	nd
Average	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd								

									NON-0	CHLORINA	ATED PHE	ENOLIC C	OMPOUN	DS (ug/L	.) 1997									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	21.0	14.5	16.3	16.8	9.4	12.5	14.5	nd	14.2	11.4	17.1	16.1	12.7	10.1	20.9	8.6	14.4	12.8	12.1	15.4	23.1	17.0	16.3	14.4
2	12.3	5.9	19.9	14.4	18.2	16.5	6.1	3.8	13.8	12.4	19.1	16.0	12.1	11.6	22.0	20.9	nd	18.9	16.7	15.9	13.5	13.6	16.2	16.7
3 4	13.1 8.8	10.3 7.4	3.0 12.0	6.6 13.2	8.4 6.5	6.7 6.1	21.6	15.2	21.6 17.9	15.4 15.9	14.5 NA	12.8 9.0	12.0 14.2	9.3 15.3	12.5 20.2	12.3 21.4	18.2	17.8	12.8 12.8	11.9 13.4	23.6 16.4	18.4 14.4	12.0 16.2	12.4 15.2
	13.8	9.5	12.8	12.8	10.6	10.5	14.1	6.3	16.9	13.8	16.9	13.5	12.8	11.6	18.9	15.8	10.9	16.5	13.6	14.2	19.2	15.9	15.2	14.7
Average	13.0	9.5	12.0	12.0	10.0	10.5	14.1	0.3	10.9	13.0	10.9	13.3	12.0	11.0	10.9	13.0	10.9	10.5	13.0	14.2	19.2	13.9	13.2	14.7
									NON-0		ATED PHE		OMPOUN		.) 1998									
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1 2	13.3 15.7	15.9	9.1 7.1	10.9 5.6	14.9	14.6	11.7 15.7	12.3	15.9	18.0 15.6	19.0 15.0	13.1 15.9	15.0 14.9	16.5 13.1	11.1 5.2	7.6 3.4	10.5	9.4 9.1	11.0	9.2 9.4	12.0 13.4	9.2 10.1	15.1 12	12.5
3	27.1	17.4 21.3	11.3	13.3	16.9 18.9	14.5 17.8	14.1	14.9 16.8	14.0 11.9	13.1	18.7	19.9	14.9	12.8	5.2 12.2	3.4 8.8	5.8 16.4	9. i 12.6	13.8 10.1	9.4 8.8	16.2	10.1	15.9	11.8 10.2
4	25.2	22.4	11.5	13.3	14.3	10.2	26.9	25.0	17.4	16.5	16.6	17.2	14.5	12.0	13.0	12.3	12.6	11.5	11.9	10.1	11.5	7.8	12.3	8.7
Average	20.3	19.3	9.2	9.9	16.3	14.3	17.1	17.3	14.8	15.8	17.3	16.5	14.7	14.1	10.4	8.0	11.3	10.7	11.7	9.4	13.3	10.0	13.8	10.8
7110.ago	20.0	.,.0	7.2					.,					OMPOUN			0.0				,,,				
		JAN		FEB		MAR		APR		MAY		JUN		JUL		AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	15.1	11.1	14.8	11.9	15.5	11.6	17.1	11.8	12.7	8.0	19.9	10.6	24.3	15.6	21.5	8.1	16.1	11.3	13.8	12.0	18.2	10.8	13.2	9.9
2	15.6	10.8	23.6	13.4	13.9	9.6	15.6	11.4	14.6	7.8	21.6	13.1	16.9	10.8	22.7	14.5	19.2	15.3	17.9	15.7	15.9	12.3	21.3	17.0
3	15.9	11.0	18.9	13.8	13.5	8.3	19.5	12.4	6.5	10.9	18.0	11.1	21.8	13.8	17.0	14.9	16.4	14.3	16.6	8.9	19.4	12.0	16.1	11.7
4 Avorago	15.5	11.0	16.7 18.5	8.6 11.9	24.4 16.8	14.2	15.5 16.9	12.0 11.9	11.3	8.9	15.8 18.8	8.7 10.9	18.6	14.5	15.5 19.2	12.3 12.5	16.1 17.0	14.5	15.5 16.0	8.5 11.3	17.8	11.7	18.6 17.3	11.1 12.4
Average	13.3	11.0	10.5	11.7	10.0	10.7	10.7	11.7	11.3	0.7	10.0	10.7	20.4	13.7	17.2	12.5	17.0	13.7	10.0	11.3	17.0	11.7	17.3	12.4
									NON-C		ATED PHE		OMPOUN		2000									
		JAN		FEB		MAR		APR		MAY		JUN		JUĽ	•	AUG		SEP		OCT		NOV		DEC
Week	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	MAY Eff	Inf	JUN Eff	Inf	JUL Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff	Inf	Eff
1	13.8	Eff 9.0	20.7	Eff 12.6	13.1	Eff 10.4	13.8	Eff 8.2	Inf 12.9	MAY Eff 11.3	Inf 7.7	JUN Eff 6.3	Inf 24.3	JUL Eff 20.3	Inf 22.9	Eff 16.1	15.2	Eff 10.3	15.6	Eff 10.9	Inf 21.5	Eff 14.4	11.0	Eff 8.5
1 2	13.8 26.6	9.0 16.9	20.7 18.5	Eff 12.6 14.1	13.1 11.9	Eff 10.4 10.0	13.8 13.9	8.2 7.8	Inf 12.9 12.9	MAY Eff 11.3 10.0	Inf 7.7 8.8	JUN Eff 6.3 6.7	Inf 24.3 21.4	JUL Eff 20.3 18.9	Inf 22.9 16.5	Eff 16.1 10.8	15.2 13.6	Eff 10.3 10.3	15.6 16.6	Eff 10.9 10.6	21.5	Eff 14.4 7.7	11.0 13.8	Eff 8.5 11.5
1 2 3	13.8 26.6 18.9	9.0 16.9 14.9	20.7 18.5 15.9	Eff 12.6 14.1 9.9	13.1 11.9 10.4	Eff 10.4 10.0 9.1	13.8	Eff 8.2	Inf 12.9 12.9 17.2	MAY Eff 11.3 10.0 15.4	Inf 7.7 8.8 24.3	JUN Eff 6.3 6.7 11.6	Inf 24.3 21.4 20.2	JUL Eff 20.3 18.9 18.0	Inf 22.9 16.5 18.2	Eff 16.1 10.8 11.2	15.2	Eff 10.3	15.6 16.6 16.2	Eff 10.9 10.6 11.9	21.5 * 18.7	Eff 14.4 7.7 14.4	11.0 13.8 20.3	Eff 8.5 11.5 14.6
1 2 3 4	13.8 26.6 18.9 19.1	9.0 16.9 14.9 12.0	20.7 18.5	Eff 12.6 14.1 9.9 9.1	13.1 11.9	Eff 10.4 10.0 9.1 10.5	13.8 13.9	8.2 7.8 12.1	Inf 12.9 12.9	MAY Eff 11.3 10.0 15.4 7.7	Inf 7.7 8.8	JUN Eff 6.3 6.7 11.6 13.4	Inf 24.3 21.4	JUL Eff 20.3 18.9	Inf 22.9 16.5	Eff 16.1 10.8	15.2 13.6	Eff 10.3 10.3 15.4	15.6 16.6	Eff 10.9 10.6	21.5	Eff 14.4 7.7	11.0 13.8 20.3 19.6	8.5 11.5 14.6 14
1 2 3	13.8 26.6 18.9	9.0 16.9 14.9	20.7 18.5 15.9 13.9	Eff 12.6 14.1 9.9	13.1 11.9 10.4 16.8	Eff 10.4 10.0 9.1	13.8 13.9 15.3	8.2 7.8	Inf 12.9 12.9 17.2 6.9	MAY Eff 11.3 10.0 15.4 7.7	Inf 7.7 8.8 24.3 16.9	JUN Eff 6.3 6.7 11.6 13.4 9.5	Inf 24.3 21.4 20.2 21.5	JUL Eff 20.3 18.9 18.0 12.7	Inf 22.9 16.5 18.2 12.1	Eff 16.1 10.8 11.2 9.5	15.2 13.6 21.4	Eff 10.3 10.3	15.6 16.6 16.2 15.2	Eff 10.9 10.6 11.9 11.1	21.5 * 18.7 11.6	Eff 14.4 7.7 14.4 8.6	11.0 13.8 20.3	8.5 11.5 14.6
1 2 3 4	13.8 26.6 18.9 19.1 19.6	Eff 9.0 16.9 14.9 12.0 13.2 JAN	20.7 18.5 15.9 13.9 17.3	Eff 12.6 14.1 9.9 9.1 11.4 FEB	13.1 11.9 10.4 16.8 13.1	Eff 10.4 10.0 9.1 10.5 10.0	13.8 13.9 15.3	Eff 8.2 7.8 12.1 9.4 APR	Inf 12.9 12.9 17.2 6.9	MAY Eff 11.3 10.0 15.4 7.7	Inf 7.7 8.8 24.3 16.9	JUN Eff 6.3 6.7 11.6 13.4 9.5	Inf 24.3 21.4 20.2 21.5 21.6	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL	Inf 22.9 16.5 18.2 12.1	Eff 16.1 10.8 11.2 9.5 11.9	15.2 13.6 21.4	Eff 10.3 10.3 15.4 12.0 SEP	15.6 16.6 16.2 15.2	Eff 10.9 10.6 11.9 11.1 11.1	21.5 * 18.7 11.6	Eff 14.4 7.7 14.4 8.6 11.3	11.0 13.8 20.3 19.6	Eff 8.5 11.5 14.6 14 12.2 DEC
1 2 3 4 Average	13.8 26.6 18.9 19.1 19.6	9.0 16.9 14.9 12.0 13.2 JAN Eff	20.7 18.5 15.9 13.9 17.3	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff	13.1 11.9 10.4 16.8 13.1	Eff 10.4 10.0 9.1 10.5 10.0 MAR Eff	13.8 13.9 15.3 14.3	8.2 7.8 12.1 9.4 APR Eff	Inf 12.9 12.9 17.2 6.9 12.5 NON-0	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC O JUN Eff	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff	Inf 22.9 16.5 18.2 12.1 17.4 2001	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff	15.2 13.6 21.4 16.7	Eff 10.3 10.3 15.4 12.0 SEP Eff	15.6 16.6 16.2 15.2 15.9	Eff 10.9 10.6 11.9 11.1 11.1 OCT Eff	21.5 * 18.7 11.6 17.3	Eff 14.4 7.7 14.4 8.6 11.3 NOV Eff	11.0 13.8 20.3 19.6 16.2	Eff 8.5 11.5 14.6 14 12.2 DEC Eff
1 2 3 4 Average  Week 1	13.8 26.6 18.9 19.1 19.6	9.0 16.9 14.9 12.0 13.2 JAN Eff	20.7 18.5 15.9 13.9 17.3	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0	13.1 11.9 10.4 16.8 13.1 Inf	Eff 10.4 10.0 9.1 10.5 10.0 MAR Eff 7.0	13.8 13.9 15.3 14.3 Inf 21.6	8.2 7.8 12.1 9.4 APR Eff 24.3	Inf 12.9 12.9 17.2 6.9 12.5 NON-C	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff 18.4	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI Inf 25.8	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC O JUN Eff 15.5	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN Inf 19.1	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff 10.5	Inf 22.9 16.5 18.2 12.1 17.4 2) 2001 Inf 16.4	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5	15.2 13.6 21.4 16.7 Inf 14.8	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3	15.6 16.6 16.2 15.2 15.9	Eff 10.9 10.6 11.9 11.1 11.1 OCT Eff 8.5	21.5 * 18.7 11.6 17.3 Inf 15.2	Eff 14.4 7.7 14.4 8.6 11.3 NOV Eff 12.4	11.0 13.8 20.3 19.6 16.2 Inf	Eff 8.5 11.5 14.6 14 12.2 DEC Eff 8.4
1 2 3 4 Average  Week 1 2	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3	Eff 10.4 10.0 9.1 10.5 10.0 MAR Eff 7.0 8.0	13.8 13.9 15.3 14.3	8.2 7.8 12.1 9.4 APR Eff 24.3 12.4	Inf 12.9 12.9 17.2 6.9 12.5 NON-0	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff 18.4 9.8	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI Inf 25.8 17.9	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.5 12.0	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN Inf 19.1 15.2	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff 10.5 5.0	Inf 22.9 16.5 18.2 12.1 17.4 2) 2001 Inf 16.4 18.9	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9	15.2 13.6 21.4 16.7 Inf 14.8 15.8	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4	Eff 10.9 10.6 11.9 11.1 11.1 OCT Eff 8.5 10.3	21.5 * 18.7 11.6 17.3 Inf 15.2 16.6	Eff 14.4 7.7 14.4 8.6 11.3 NOV Eff 12.4 11.6	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6	Eff 8.5 11.5 14.6 14 12.2 DEC Eff 8.4 9.8
1 2 3 4 Average Week 1 2 3	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5	20.7 18.5 15.9 13.9 17.3	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1	Eff 10.4 10.0 9.1 10.5 10.0 MAR Eff 7.0 8.0 13.7	13.8 13.9 15.3 14.3 Inf 21.6	8.2 7.8 12.1 9.4 APR Eff 24.3	Inf 12.9 12.9 17.2 6.9 12.5 NON-C	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff 18.4 9.8 13.1	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI Inf 25.8 17.9 12.7	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.5 12.0 7.4	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN Inf 19.1	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff 10.5	Inf  22.9 16.5 18.2 12.1 17.4 2) 2001 Inf 16.4 18.9 14.8	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.9	15.2 13.6 21.4 16.7 Inf 14.8 15.8 16.1	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.9	Eff 10.9 10.6 11.9 11.1 11.1 OCT Eff 8.5 10.3 6.1	21.5 * 18.7 11.6 17.3 Inf 15.2 16.6 25.1	Eff 14.4 7.7 14.4 8.6 11.3 NOV Eff 12.4 11.6 10.3	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2	Eff 8.5 11.5 14.6 14 12.2 DEC Eff 8.4 9.8 7.8
1 2 3 4 Average Week 1 2 3 4	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9 19.5	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5 16.1	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6 15.4	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6 15.1	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1 21.3	Eff 10.4 10.0 9.1 10.5 10.0  MAR Eff 7.0 8.0 13.7 7.8	13.8 13.9 15.3 14.3 Inf 21.6 22.0	8.2 7.8 12.1 9.4 APR Eff 24.3 12.4 13.7	Inf 12.9 12.9 17.2 6.9 12.5 NON-C Inf 17.9 14.7	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff 18.4 9.8 13.1 8.8	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI  1nf 25.8 17.9 12.7 16.7	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.5 12.0 7.4 7.9	Inf  24.3 21.4 20.2 21.5 21.6 COMPOUN  Inf  19.1 15.2 15.5	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff 10.5 5.0 10.1	Inf  22.9 16.5 18.2 12.1 17.4 2) 2001 Inf 16.4 18.9 14.8 14.5	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.9 9.7	15.2 13.6 21.4 16.7 Inf 14.8 15.8 16.1 17.5	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6 9.2	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.9 12.8	Eff 10.9 10.6 11.9 11.1 11.1 OCT Eff 8.5 10.3 6.1 10.0	21.5  * 18.7 11.6 17.3  Inf 15.2 16.6 25.1 23.1	Eff  14.4 7.7 14.4 8.6  11.3  NOV Eff  12.4 11.6 10.3 13.6	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2 19.8	Eff  8.5  11.5  14.6  14  12.2  DEC  Eff  8.4  9.8  7.8  12.5
1 2 3 4 Average Week 1 2 3	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1	Eff 10.4 10.0 9.1 10.5 10.0 MAR Eff 7.0 8.0 13.7	13.8 13.9 15.3 14.3 Inf 21.6	8.2 7.8 12.1 9.4 APR Eff 24.3 12.4	Inf 12.9 12.9 17.2 6.9 12.5 NON-0	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff 18.4 9.8 13.1	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI Inf 25.8 17.9 12.7	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.5 12.0 7.4	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN Inf 19.1 15.2	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff 10.5 5.0	Inf  22.9 16.5 18.2 12.1 17.4 2) 2001 Inf 16.4 18.9 14.8	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.9	15.2 13.6 21.4 16.7 Inf 14.8 15.8 16.1	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.9	Eff 10.9 10.6 11.9 11.1 11.1 OCT Eff 8.5 10.3 6.1	21.5 * 18.7 11.6 17.3 Inf 15.2 16.6 25.1	Eff 14.4 7.7 14.4 8.6 11.3 NOV Eff 12.4 11.6 10.3	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2	Eff 8.5 11.5 14.6 14 12.2 DEC Eff 8.4 9.8 7.8
1 2 3 4 Average Week 1 2 3 4	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9 19.5	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5 16.1 12.0	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6 15.4	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6 15.1	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1 21.3	Eff 10.4 10.0 9.1 10.5 10.0 MAR Eff 7.0 8.0 13.7 7.8 9.1	13.8 13.9 15.3 14.3 Inf 21.6 22.0	Eff 8.2 7.8 12.1 9.4 APR Eff 24.3 12.4 13.7	Inf 12.9 12.9 17.2 6.9 12.5 NON-C Inf 17.9 14.7 19.1	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff 18.4 9.8 13.1 8.8 12.5 CHLORINA	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI  Inf 25.8 17.9 12.7 16.7	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.5 12.0 7.4 7.9 10.7 ENOLIC C	Inf  24.3 21.4 20.2 21.5 21.6 COMPOUN  Inf  19.1 15.2 15.5	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff 10.5 5.0 10.1 8.5	Inf 22.9 16.5 18.2 12.1 17.4 2) 2001 Inf 16.4 18.9 14.8 14.5	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.7 10.0	15.2 13.6 21.4 16.7 Inf 14.8 15.8 16.1 17.5	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6 9.2 7.7	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.9 12.8	Eff 10.9 10.6 11.9 11.1 11.1 OCT Eff 8.5 10.3 6.1 10.0 8.7	21.5  * 18.7 11.6 17.3  Inf 15.2 16.6 25.1 23.1	Eff  14.4 7.7 14.4 8.6 11.3  NOV Eff  12.4 11.6 10.3 13.6 12.0	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2 19.8	Eff  8.5 11.5 14.6 14 12.2  DEC Eff  8.4 9.8 7.8 12.5 9.6
1 2 3 4 Average  Week 1 2 3 4 Average	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9 19.5	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5 16.1 12.0	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6 15.4	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6 15.1 14.9 FEB	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1 21.3 15.0	Eff 10.4 10.0 9.1 10.5 10.0  MAR Eff 7.0 8.0 13.7 7.8 9.1	13.8 13.9 15.3 14.3 14.3 21.6 22.0	Eff 8.2 7.8 12.1 9.4 APR Eff 24.3 12.4 13.7 16.8 APR	Inf 12.9 12.9 17.2 6.9 12.5 NON-C Inf 17.9 14.7 19.1	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff 18.4 9.8 13.1 8.8 12.5 CHLORINA MAY	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI 25.8 17.9 12.7 16.7 18.3 ATED PHI	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.2 0 7.4 7.9 10.7 ENOLIC C JUN	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN Inf 19.1 15.2 15.5	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff 10.5 5.0 10.1 8.5 DS (ug/L JUL	Inf 22.9 16.5 18.2 12.1 17.4 2) 2001 Inf 16.4 18.9 14.8 14.5 16.2	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.7 10.0 AUG	15.2 13.6 21.4 16.7 Inf 14.8 15.8 16.1 17.5	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6 9.2 7.7	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.9 12.8 12.4	Eff 10.9 10.6 11.9 11.1 11.1 OCT Eff 8.5 10.3 6.1 10.0 8.7 OCT	21.5 * 18.7 11.6 17.3 Inf 15.2 16.6 25.1 23.1 20.0	Eff  14.4 7.7 14.4 8.6 11.3  NOV Eff  12.4 11.6 10.3 13.6 12.0	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2 19.8 16.2	Eff  8.5 11.5 14.6 14 12.2  DEC Eff  8.4 9.8 7.8 12.5 9.6
1 2 3 4 Average  Week 1 2 3 4 Average	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9 19.5 15.6	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5 16.1 12.0 JAN Eff	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6 15.4	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6 15.1 14.9 FEB Eff	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1 21.3 15.0	Eff 10.4 10.0 9.1 10.5 10.0  MAR Eff 7.0 8.0 13.7 7.8 9.1  MAR Eff	13.8 13.9 15.3 14.3 14.3 21.6 22.0	8.2 7.8 12.1 9.4 APR Eff 24.3 12.4 13.7 16.8	Inf 12.9 12.9 17.2 6.9 12.5 NON-C Inf 17.9 14.7 19.1 17.2 NON-C Inf	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORIN/ MAY Eff 18.4 9.8 13.1 8.8 12.5 CHLORIN/ MAY Eff	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI 25.8 17.9 12.7 16.7 18.3 ATED PHI	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.2 0 7.4 7.9 10.7 ENOLIC C JUN Eff 15.5 ENOLIC C JUN Eff 15.5 ENOLIC C JUN Eff 15.5 ENOLIC C JUN Eff	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN Inf 19.1 15.2 15.5 16.6 COMPOUN	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff 10.5 5.0 10.1 8.5 DS (ug/L JUL Eff	Inf 22.9 16.5 18.2 12.1 17.4 2) 2001 Inf 16.4 18.9 14.8 14.5 16.2 2) 2002 Inf	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.7 10.0 AUG Eff	15.2 13.6 21.4 16.7 Inf 14.8 15.8 16.1 17.5 16.1	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6 9.2 7.7 SEP Eff	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.9 12.8 12.4	Eff 10.9 10.6 11.9 11.1 11.1 OCT Eff 8.5 10.3 6.1 10.0 8.7 OCT Eff	21.5 * 18.7 11.6 17.3 Inf 15.2 16.6 25.1 23.1 20.0	Eff  14.4 7.7 14.4 8.6 11.3  NOV Eff  12.4 11.6 10.3 13.6 12.0  NOV Eff	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2 19.8 16.2	Eff  8.5 11.5 14.6 14 12.2  DEC Eff  8.4 9.8 7.8 12.5 9.6  DEC Eff
1 2 3 4 Average  Week 1 2 3 4 Average	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9 19.5 15.6	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5 16.1 12.0 JAN Eff 15.1	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6 15.4 16.6	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6 15.1 14.9 FEB Eff 19.9	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1 21.3 15.0	Eff 10.4 10.0 9.1 10.5 10.0  MAR Eff 7.0 8.0 13.7 7.8 9.1  MAR Eff 19.5	13.8 13.9 15.3 14.3 1nf 21.6 22.0 21.8	8.2 7.8 12.1 9.4 APR Eff 24.3 12.4 13.7 16.8 APR Eff 17.1	Inf 12.9 12.9 17.2 6.9 12.5 NON-C Inf 17.9 14.7 19.1 17.2 NON-C Inf 16.6	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORIN/ MAY Eff 18.4 9.8 13.1 8.8 12.5 CHLORIN/ MAY Eff 14.6	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI 25.8 17.9 12.7 16.7 18.3 ATED PHI Inf 17.8	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.5 12.0 7.4 7.9 10.7 ENOLIC C JUN Eff 11.2	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN Inf 19.1 15.2 15.5 16.6 COMPOUN Inf 15.9	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L Eff 10.5 5.0 10.1 8.5 DS (ug/L Eff 7.4	Inf 22.9 16.5 18.2 12.1 17.4 2) 2001 Inf 16.4 18.9 14.8 14.5 16.2 2) 2002 Inf 14.4	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.7 10.0  AUG Eff 8.8	15.2 13.6 21.4 16.7 Inf 14.8 15.8 16.1 17.5 16.1	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6 9.2 7.7 SEP Eff 9.3	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.9 12.8 12.4	Eff 10.9 10.6 11.9 11.1 11.1  OCT Eff 8.5 10.3 6.1 10.0 8.7  OCT Eff 9.7	21.5 * 18.7 11.6 17.3 Inf 15.2 16.6 25.1 23.1 20.0	Eff  14.4 7.7 14.4 8.6 11.3  NOV Eff  12.4 11.6 10.3 13.6 12.0  NOV Eff  8.2	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2 19.8 16.2	Eff  8.5 11.5 14.6 14 12.2  DEC Eff  8.4 9.8 12.5 9.6  DEC Eff  9.1
1 2 3 4 Average  Week 1 2 3 4 Average	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9 19.5 15.6	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5 16.1 12.0 JAN Eff 15.1 14.1	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6 15.4 16.6	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6 15.1 14.9 FEB Eff 19.9 13.2	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1 21.3 15.0 Inf 20.1 14.9	Eff 10.4 10.0 9.1 10.5 10.0  MAR Eff 7.0 8.0 13.7 7.8 9.1  MAR Eff 19.5 13.2	13.8 13.9 15.3 14.3 14.3 21.6 22.0 21.8	Eff  8.2  7.8  12.1  9.4  APR  Eff  24.3  12.4  13.7  16.8  APR  Eff  17.1  13.1	Inf 12.9 12.9 17.2 6.9 12.5 NON-C Inf 17.9 14.7 19.1 17.2 NON-C Inf 16.6 12.7	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff 18.4 9.8 13.1 8.8 12.5 CHLORINA MAY Eff 14.6 11.9	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI 25.8 17.9 12.7 16.7 18.3 ATED PHI 17.8 13.2	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.5 12.0 7.4 7.9 10.7 ENOLIC C JUN Eff 11.2 7	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN  Inf 15.2 16.6 COMPOUN  Inf 15.9 11.3	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L Eff 10.5 5.0 10.1 8.5 DS (ug/L JUL Eff 7.4 9.4	Inf 22.9 16.5 18.2 12.1 17.4 2) 2001  Inf 16.4 18.9 14.8 14.5 16.2 2) 2002  Inf 14.4 13.4	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.7 10.0  AUG Eff 8.8 7.7	15.2 13.6 21.4 16.7 Inf 14.8 15.8 16.1 17.5 16.1	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6 9.2 7.7 SEP Eff 9.3 7.8	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.8 12.4 Inf 13.9 16.1	Eff 10.9 10.6 11.9 11.1 11.1  OCT Eff 8.5 10.3 6.1 10.0 8.7  OCT Eff 9.7 8	21.5 * 18.7 11.6 17.3  Inf 15.2 16.6 25.1 23.1 20.0  Inf 15.7 12.3	Eff  14.4 7.7 14.4 8.6 11.3  NOV Eff  12.4 11.6 10.3 13.6 12.0  NOV Eff  8.2 7.1	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2 19.8 16.2	Eff  8.5 11.5 14.6 14 12.2  DEC Eff  8.4 9.8 12.5 9.6  DEC Eff  9.1 9.4
1 2 3 4 Average  Week 1 2 3 4 Average	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9 19.5 15.6	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5 16.1 12.0 JAN Eff 15.1	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6 15.4 16.6	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6 15.1 14.9 FEB Eff 19.9 13.2 12.3	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1 21.3 15.0 Inf 20.1 14.9 14.7	Eff 10.4 10.0 9.1 10.5 10.0  MAR Eff 7.0 8.0 13.7 7.8 9.1  MAR Eff 19.5 13.2 17.1	13.8 13.9 15.3 14.3 14.3 1nf 21.6 22.0 21.8 Inf 22.6 15 17.3	Eff  8.2  7.8  12.1  9.4  APR  Eff  24.3  12.4  13.7  16.8  APR  Eff  17.1  13.1  15.7	Inf 12.9 12.9 17.2 6.9 12.5 NON-C Inf 17.9 14.7 19.1 17.2 NON-C Inf 16.6	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORIN/ MAY Eff 18.4 9.8 13.1 8.8 12.5 CHLORIN/ MAY Eff 14.6	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI 25.8 17.9 12.7 16.7 18.3 ATED PHI 17.8 13.2 13.1	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 10.7 ENOLIC C JUN Eff 11.2 7 15.7	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN  Inf 15.2 16.6 COMPOUN  Inf 15.9 11.3 13.3	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L JUL Eff 10.5 5.0 10.1 8.5 DS (ug/L JUL Eff 7.4 9.4 9.8	Inf 22.9 16.5 18.2 12.1 17.4 2001 Inf 16.4 18.9 14.5 16.2 2) 2002 Inf 14.4 13.4 11.8	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.7 10.0  AUG Eff 8.8 7.7 9	15.2 13.6 21.4 16.7 16.7 14.8 15.8 16.1 17.5 16.1 14.7 12.6 11.4	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6 9.2 7.7 SEP Eff 9.3 7.8 6.5	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.9 12.8 12.4 Inf 13.9 16.1 13.8	Eff 10.9 10.6 11.9 11.1 11.1  OCT Eff 8.5 10.3 6.1 10.0 8.7  OCT Eff 9.7 8 9.8	21.5 * 18.7 11.6 17.3 Inf 15.2 16.6 25.1 23.1 20.0	Eff  14.4 7.7 14.4 8.6 11.3  NOV Eff  12.4 11.6 10.3 13.6 12.0  NOV Eff  8.2	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2 19.8 16.2 Inf 17 9.9	Eff  8.5 11.5 14.6 14 12.2  DEC Eff  8.4 9.8 12.5 9.6  DEC Eff  9.1 9.4 7.5
1 2 3 4 Average  Week 1 2 3 4 Average  Week 1 2 3 3 4 Average	13.8 26.6 18.9 19.1 19.6 Inf 17.3 11.5 13.9 19.5 15.6	Eff 9.0 16.9 14.9 12.0 13.2 JAN Eff 13.7 8.5 9.5 16.1 12.0 JAN Eff 15.1 14.1	20.7 18.5 15.9 13.9 17.3 Inf 22.9 11.6 15.4 16.6	Eff 12.6 14.1 9.9 9.1 11.4 FEB Eff 23.0 6.6 15.1 14.9 FEB Eff 19.9 13.2	13.1 11.9 10.4 16.8 13.1 Inf 12.1 11.3 15.1 21.3 15.0 Inf 20.1 14.9	Eff 10.4 10.0 9.1 10.5 10.0  MAR Eff 7.0 8.0 13.7 7.8 9.1  MAR Eff 19.5 13.2	13.8 13.9 15.3 14.3 14.3 21.6 22.0 21.8	Eff  8.2  7.8  12.1  9.4  APR  Eff  24.3  12.4  13.7  16.8  APR  Eff  17.1  13.1	Inf 12.9 12.9 17.2 6.9 12.5 NON-C Inf 17.9 14.7 19.1 17.2 NON-C Inf 16.6 12.7	MAY Eff 11.3 10.0 15.4 7.7 11.1 CHLORINA MAY Eff 18.4 9.8 13.1 8.8 12.5 CHLORINA MAY Eff 14.6 11.9	Inf 7.7 8.8 24.3 16.9 14.4 ATED PHI 25.8 17.9 12.7 16.7 18.3 ATED PHI 17.8 13.2	JUN Eff 6.3 6.7 11.6 13.4 9.5 ENOLIC C JUN Eff 15.5 12.0 7.4 7.9 10.7 ENOLIC C JUN Eff 11.2 7	Inf 24.3 21.4 20.2 21.5 21.6 COMPOUN  Inf 15.2 16.6 COMPOUN  Inf 15.9 11.3	JUL Eff 20.3 18.9 18.0 12.7 17.5 DS (ug/L Eff 10.5 5.0 10.1 8.5 DS (ug/L JUL Eff 7.4 9.4	Inf 22.9 16.5 18.2 12.1 17.4 2) 2001  Inf 16.4 18.9 14.8 14.5 16.2 2) 2002  Inf 14.4 13.4	Eff 16.1 10.8 11.2 9.5 11.9 AUG Eff 11.5 8.9 9.7 10.0  AUG Eff 8.8 7.7	15.2 13.6 21.4 16.7 Inf 14.8 15.8 16.1 17.5 16.1	Eff 10.3 10.3 15.4 12.0 SEP Eff 6.3 8.5 6.6 9.2 7.7 SEP Eff 9.3 7.8	15.6 16.6 16.2 15.2 15.9 Inf 13.3 10.4 12.8 12.4 Inf 13.9 16.1	Eff 10.9 10.6 11.9 11.1 11.1  OCT Eff 8.5 10.3 6.1 10.0 8.7  OCT Eff 9.7 8	21.5 * 18.7 11.6 17.3  Inf 15.2 16.6 25.1 23.1 20.0  Inf 15.7 12.3	Eff  14.4 7.7 14.4 8.6 11.3  NOV Eff  12.4 11.6 10.3 13.6 12.0  NOV Eff  8.2 7.1	11.0 13.8 20.3 19.6 16.2 Inf 19.1 13.6 12.2 19.8 16.2	Eff  8.5 11.5 14.6 14 12.2  DEC Eff  8.4 9.8 12.5 9.6  DEC Eff  9.1 9.4